

Kuker-Ranken

A TRADITION IN PRECISION



when it has to be **right** **Leica**
Geosystems

THE LEICA TS20 WITH AI TECHNOLOGY

BE READY

Be ready for surveying excellence with the total station defining the standard for productivity and the future of robotic.

The Leica TS20 delivers unmatched efficiency with advanced AI-powered target recognition, ensuring fast, precise measurements on every job site.





Precision Redefined: The Leica TS20 and the Experts Behind It

The first light of day cuts across a quiet jobsite in the Pacific Northwest. Amid the hum of distant machinery, a flash of Leica red catches the morning sun. Standing tall and steady, the **Leica TS20 Robotic Total Station** comes to life — its sleek frame rotating effortlessly as it locks onto a prism hundreds of feet away. For **Rob Mitchell of Kuker-Ranken**, this moment never gets old. After decades in the field, he's witnessed the evolution of surveying technology firsthand.

"The TS20 isn't just faster — it's smarter," says Rob, watching the instrument's motor glide into position. "It's built for real-world conditions, and it understands what surveyors need before they even ask for it."

LEICA TS20 / BE READY



Built for Everyday Excellence

The **Leica TS20** is more than a robotic total station; it's a productivity powerhouse engineered for every kind of job — from cadastral surveying to complex construction layouts. With **AI-powered automation**, **ultra-fast robotic tracking**, and **IP66-rated durability**, the TS20 delivers precise results in the harshest environments.

Its **touchscreen interface** and **Leica Captivate software** make complex workflows intuitive and accessible, while seamless cloud connectivity links the field to the office in real time. Whether capturing points, aligning control, or managing 3D data, the TS20 gives professionals the speed and confidence to work smarter, not harder.



Even More Powerful with the Leica AP20

Pair the TS20 with the **Leica AP20 AutoPole**, and the workflow becomes virtually unstoppable.

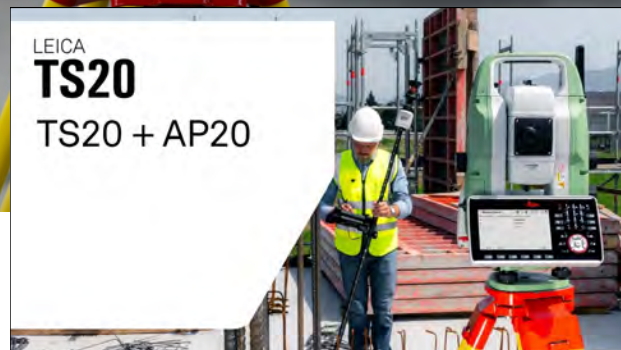
The AP20's **Tilt Compensation**, **Pole Height Measurement**, and **Target ID** features eliminate the most common field challenges — no more manual height adjustments or lost targets.

Leica
GEOSYSTEMS

Where Experience Meets Innovation

Rob Mitchell has trained hundreds of surveyors, engineers, and construction professionals on Leica equipment. His field experience gives him a rare perspective — one that bridges the gap between innovation and application. When a new instrument like the TS20 arrives, Rob isn't just testing its specs; he's testing how it performs when deadlines are tight and conditions are unpredictable.

"Leica designs instruments that earn your trust," he says. "The TS20 gives you accuracy, speed, and durability that you can rely on every single day. It's an extension of your workflow — not a distraction from it."



The Future of Surveying Starts Here

As the day's work continues, the TS20 moves from point to point with unshakable precision, seamlessly collecting data and transmitting it to the office before lunch. The result is a faster, more connected workflow — one that gives surveyors the freedom to focus on what really matters: results.

With experts like Rob Mitchell leading the way, surveyors across the region are stepping confidently into the next era of measurement. Because when knowledge meets the power of Leica engineering, the outcome is simple: **unmatched precision, every time.**

Leica
GEOSYSTEMS

Lasers - Professional Grade Lasers



Leica Rugby Lasers CLAx / CLH Series

Rugby CLH - Use it as a simple to operate, one-button horizontal laser for concrete and formwork leveling, height checking and transferring, and land levelling application. Upgradeable to manual slope or semi-auto grade functionality.

Rugby CLAx - The Leica CLAx series of professional dual grade lasers blend high performance, flexible operation, and a robust design to increase productivity on the construction site. Offering manual and digital dual grade options, slopes ranging from 8 to 15%.



We Offer
Rentals!
Try before you buy!



Leica CLH Lasers



Leica CLAx Lasers



Leica Rugby Smart
Adapter



Leica CLC+ Combo

Leica CLH Lasers - Horizontal (All include Battery, Charger & Carry Case)

6012274	Rugby CLH Basic*	Horizontal
6012276	Rugby CLH/CLX200*	Manual grade up to 8%
6012277	Rugby CLH/CLX300*	Semi auto single grade up to 8%
6012278	Rugby CLH/CLX400*	Semi auto dual grade up to 8%

Leica Rugby CLAx - Professional Dual Grade Lasers

6018539	Rugby CLAx 250	High-accuracy dual slope up to 8%
6018541	Rugby CLAx 550	Adaptable all-rounder 8% digital dual slope, self-levelling.
6018543	Rugby CLAx 700	Fast, precise and flexible digital dual grades up to 15%

Accessories & Upgrades

986299	CLC Combo+ Receiver & Remote, Bracket and Charger
789922	Rod Eye 120 Basic Receiver with Bracket
789923	Rod Eye 140 Classic Receiver with Bracket
789924	Rod Eye 160 Digital Receiver with Bracket
835666	Rod Eye Receiver Bracket
864849	Li-Ion Battery Pack for Rugby CLH/CLX/CLC Lasers Only 12V/7.2Ah
790417	A100 Li-Ion Charger
864855	Smart Adapter 90° for Vertical Operation and Wall Mounting
790434	A240 Manual Slope Adapter

Functionality Upgrades Sales Permanent

6012288	CLH Upgrade: CLX 200 Single, Single manual grade, 8%, no display
6012289	CLH Upgrade: CLX 300 Incl. CLX 200 plus Dial-in Single grade, Semi-auto to 8% w/display
6012290	CLH Upgrade: CLX 400 Incl. CLX 300 plus Dial-in Dual grade, Semi-auto to 8% w/display

Rugby Laser Specs.

	CLH Series	CLAx Series
Warranty	5Y/2Y knockdown	5Y/2Y knockdown
Grade Capability	8%	15%
Self levelling Range	± 6°	± 6°
Self levelling Accuracy	± 1/16" at 100 ft	± 1/16" at 100 ft
Operating Range w/Combo, RE140/160 (diameter)	1476 ft	1476 ft
Remote Range (diameter)	1000 ft	1000 ft
Battery Operating Time	50 h	50 h
Battery Charging	5 h (full charge)	5 h (full charge)

Lasers - Rotating



Leica Construction Lasers - Rugby Rotating Lasers

Ask About
Rentals!



Rugby 610 Laser



CLC Combo+



Battery Pack



Receiver Bracket

Leica 600 Series Lasers - Self Leveling Horizontal and Vertical options

Rugby 610 package	Horizontal - One button, single axis	*Packages include: rod-eye receiver, battery pack, charger (640 only), remote (640G only) free aluminum tripod. 3 Year warranty with online registration.
Rugby 620 package	Horizontal with manual grade control	
Rugby 640 package	Horizontal & Vertical - Red Beam	
Rugby 640G package	Horizontal & Vertical - Green Beam	
Rugby 680 package	Semi-automatic, dual grade laser	

Options & Accessories

789922	Rod Eye 120	Great receiver with bracket for all general construction.
844745	Rod Eye 120G	Designed to capture the green beam
789923	Rod Eye 140	Classic standard receiver with bracket & with arrow display
789924	Rod Eye 160	Great receiver with bracket and digital readout
835666	Receiver Bracket	Bracket for receivers 120,120G,140,160,180 & CLC
790352	RC400	Remote Control, Multipurpose Remote Rugby 640/640G/840
789933	RC800	Remote Control, Grade Laser Remote to 100M, Rugby 800 Series
790434	A240	Manual Slope Adapter
732791	Target	Magnetic Red Ceiling Grid Target
849525	A210G	Green Ceiling Grid Target
790415	A600	Li-Ion Battery Pack (for Rugby 600 series)
790416	A800	Li-Ion Battery Pack, 7.2Ah (for Rugby 800 series)
790417	A100	Li-Ion Charger (for Rugby 600/800 series)
790419	A150	Alkaline Pack (holder for rugby 600/800 series)
5301-25-BLK		Seco Aluminum Tripod with quick clamps, black hardware up to 64 inches

Leica
GEOSYSTEMS



Rugby Laser Specs.

	610	620	640	640G	680
Functionality	Self-leveling horizontal, One button laser	Self-leveling horizontal, & manual slope in one axis	Self-leveling horizontal, vertical, 90° & manual slope in dual axis	Self-leveling horizontal, vertical, 90° & manual slope in dual axis	Self-leveling horizontal, dial-in grade in dual axis
Self levelling Range			± 5°		
Grade Range	-	-	-	-	± 8° DG
Self levelling Accuracy	± 3/32" at 100ft	± 3/32" at 100ft	± 3/32" at 100ft	± 3/32" at 100ft	± 1/16" at 100 ft
Scanning Modes	-	-	10°, 45°, 90°	10°, 45°, 90°	-
Remote Range					
RE120 / 120G	2,600 ft	2,600 ft	1,650 ft	1,300 ft	2,950 ft
RE140 / 160	3,600 ft	3,600 ft	2,000 ft	-	3,600 ft
Battery life (alkaline / li-ion)			60 h / 40 h		
Warranty	Manufacturer's Warranty: No Cost period: 3 years			5 years no cost	

Seattle 800-454-1310 | Tacoma 888-562-3082 | Portland 800-472-7007 | Salt Lake City 844-702-7329
Las Vegas 844-420-1687 | St. George 844-702-7329 | Boise 800-537-6848

Lasers - Pipe Lasers & Accessories



Leica Pipe Lasers - Piper 100 and 200 Series

**We Offer
Rentals!**
Try before you buy!



Piper 100 Package



Piper 200 Green beam

Leica Piper 100 Pipe Laser Package - The Leica Piper Series is designed to enhance productivity and precision for all your pipe alignment tasks. With a solid performance whether you're working over the top, in the manhole, or directly in the pipe, these tools ensure you can execute your work with confidence. The rugged aluminum housing protects the equipment from harsh job site conditions, making it reliable for various environments.

Leica Piper 100 Package includes (748704) - Piper 100, remote, target, holder, Li-ion battery. Charger, car adapter, 150 mm (6") feet, and carrying case.

Leica Piper 200 Green Beam Series

The Piper Green Series enhances visibility with four times improved laser clarity, resulting in higher leveling accuracy. This allows you to work effectively at greater distances, even in bright conditions. Commonly used in water and sewage applications, the Green Series also enhances usability in these scenarios.

Leica Piper 200 Package - Great for second-day setups. The Alignmaster function seeks and finds the target. Includes same items as Piper 100 package.

748710 Piper 200 Package with Alignmaster

Leica Piper Green Beam Pipe Lasers - includes same items as Piper 100 package.

6016058 Leica Piper 100G/3R with 150mm ft, IR remote, target, charger and battery

6016958 Leica Piper 200G/3R with Alignmaster 150mm ft, IR remote, target, charger and battery

Technical Data

Piper 100 / 200

Laser Type	635 nm (red), laser class 3R / 520nm (green), laser class 3R
Laser output	4.75 mW maximum
Working range / Grade range	200 m (650 ft) / -10% to +25%
Self-leveling range	-15% to +30%
Line movement	6 m at 30 m (20 ft at 100 ft)
Battery type*	Lithium-Ion, 7.4 V/3.8 Ah
Operation/charge	40 h/4 h
Operating temperature range	-20°C to +50°C (-4° to +122° F)
Dimensions (diameter x length)	96 x 267 mm (3.8 in x 10.5 in)
Weight / Construction	2 kg (4.4 lbs) / Cast aluminum
Wireless remote	Front, up to 150 m (500 ft) – Back, up to 10 m (35 ft)

Leica Piper Accessories

746157	IR Remote Control
1009891	PT-100 Target Plate Red Assembly
746158	Trivet Assembly with mounting bracket
746159	Mounting Bracket
746161	Foot 6" / 150mm (4 required)
746162	Foot 8" / 200mm (4 required)
746163	Foot 9" / 225mm (4 required)
746164	Foot 10" / 250mm (4 required)
746165	Foot 12" / 300mm (4 required)



IR Remote



PT-100 Target Plate



Piper Feet



Trivet Assembly

Leica
GEOSYSTEMS

Automatic Levels | ZipLevel



Automatic Levels - Nitrogen filled, IP57 (submersible), 3 Year Warranty with registration.*

The Leica NA700 levels defy the toughest of building site environments. Save time and money with no need for regular checks in the workshop or constant readjustment. When it comes to extreme robustness and optimum measuring accuracy, the Leica NA700 levels are hard to beat.

- when it has to be right **Leica**
Geosystems

	NA720 (641982)	NA724 (641983)	NA730 plus (833190)	NA2 (352036)
Magnification	20X	24X	30X	32X
Telescope	Upright			Erect Image
Nitrogen filled	Yes			
Lens diameter	30mm	36mm	40mm	45mm
Horizontal drive	Both sides, endless			
Accuracy	2.5mm	2mm	.7mm	.7mm
IP rating	IP57 (submersible)			IP53



PROTECT is subject to the Leica Geosystems International Limited Warranty and the General Terms and Conditions for PROTECT, which you can find at: www.leica-geosystems.com/protect.

*Available through free online registration within 8 weeks of purchase.

Machine Receivers



The Leica MC200 Depthmaster is an ideal tool for any kind of height control for excavators. Simply turn the excavator dipper into an integrated measuring stick without having to leave the cabin. It is simple to set-up and can be used with any rotating laser. Mounts either to a standard excavator or backhoe - even levelling work can be done with the same sensor.

- Ultra-bright LED displays (front & back)
- 100 % waterproof
- Constant accuracy band control



The LMR 360 offers accurate grade information for all visual machine control applications. Large 360° detection window picks up any rotating laser, from any angle. Built-in vertical indicator monitors angle of the stick, signaling if it's plumb or under- or overextended. Vertical position ensures consistent and accurate grade readings, saving money by reducing over- or under-cutting.

- Accurate grade control
- Built-in vertical indicator
- Waterproof



NEW! ZIPLEVEL PRO-2030 High Precision Altimeter



Replaces Rotary Lasers as the World's Fastest, Easiest, most Powerful, Precise and Only Pressurized Bubble Free level.

- High Precision Function
- Compact Design allows instant set-up and easy storage.
- One-person operation
- Measure over any distance or elevation without math.

Leica Machine Receivers - Highly accurate grade control (All have 100' remote range)

742440	MC200	Depthmaster with Magnetic Bracket - 650' range, NiCd Rech.
742438	MC200	Depthmaster with Clamp-on Bracket - 650' range, NiCd Rech.
773569	LMR240	240 Machine Receiver, Mag. - 750' range, 3X AA batteries
6003354	LMR360R	Receiver with clamps, charger, NiMH batteries, case and manual
6003355	LMR360R	Receiver with magnetic brackets, charger, NiMH batteries, case and manual

Lasers - Disto Handheld Laser Distance Meters



Leica Disto Lasers

Three-Year warranty after online registration.



X6 P2P Package		X6	D5	D2G	X3	D2	D1
Point-to-Point Measuring		Outdoor		Hi-Visibility	Advanced Indoor		Basic Indoor
Model	Part Number	Description			Bluetooth	Accuracy	Range
X6 P2P Pack	950878	Point to Point laser measure to capture data for CAD			V5.0 Tech.	1/16"	820'
X6	950909	Extremely rugged handheld measuring			V5.0 Tech.	1/16"	820'
D5	950908	Indoor and outdoor laser measuring			V5.0 Tech.	1/16"	660'
D2G	1017809	High visibility Green Beam laser measure.			V6.0 Smart	1/16"	393'
X3	850834	Designed for tough, rugged conditions			V4.2 Smart	1/16"	500'
D2	1017800	Compact device - long range			V6.0 Smart	1/16"	492'
D1	846805	Professional indoor laser measuring for all			V4.2 Smart	1/8"	130'

Accessories for DISTO™ and Lino



DST 360 + TRI120 (848783)

The DST 360 is an intelligent adapter that transforms your DISTO **X3** or **X4** into a real measurement station, allowing you to accurately measure distances between any two points—what we call Point to Point measurement—from one position. For use with the Disto X3 or X4.



DST 360 Tripod Adapter (864982)

The intelligent tripod adapter Leica DST 360 is the ideal complement for the Leica DISTO **X3** and **X4**. It enables the measurement of a distance between any two points, the capturing of 2D and 3D data for further processing in CAD programs and the precise targeting of an object. The sturdy metal housing ensures optimum robustness and consistently accurate measurement results. Use with the Disto X3 or X4.



DST 360-X Adapter (946095)

The intelligent tripod adapter Leica DST 360-X is the ideal complement for the Leica **DISTO X6**. It enables the measurement of a distance between any two points, the capturing of 2D and 3D data for further processing in CAD programs and the precise targeting of an object. The sturdy metal housing ensures optimum robustness and consistently accurate measurement results. For use with the Disto X6.



TPD 100 Kit (6012352)

The target plate for improved targeting with digital Pointfinder on long distances. The kit with pole and bubble enables measurement on landmarks and performance of basic surveying tasks with a Leica DISTO. For use with all distos.



Tri70 Tripod	794963	Adjustable Tripod 15-3/4" to 45"
Tri100 Tripod	757938	Adjustable Aluminum Tripod
Tri105 Tripod	975728	Adjustable Aluminum Tripod
Tri200 Tripod	828426	Rugged Aluminum Tripod w/case
GLB30 Glasses	780117	RVL80 Receiver 838757
GZM3 Target	820943	GZM26 Target 723385



GZM3 Target



GLB30 Glasses



Tri100



Tri105



Tri200

Seattle 800-454-1310 | Tacoma 888-562-3082 | Portland 800-472-7007 | Salt Lake City 844-702-7329
Las Vegas 844-420-1687 | St. George 844-702-7329 | Boise 800-537-6848

Lasers - Lino Lino and Point Lasers



Leica Lino Technology with Red & Green Lasers

Advanced line and point laser technologies in combination with smart adapters are fit for all alignment, leveling or plumb applications. Excellent beam visibility and flexible power sources supported by mounts that place the line where it needs to be.

Green lasers are four times more visible to the human eye if compared to red lasers. This means green lasers are more suitable for longer distances and have increased visibility in bright environments.

Leica Lino Lasers

Set-up, switch-on and start working.

Leica Lino lasers project lines or points to millimetre accuracy, making it easier for you to get the job done right. All Leica Lino lasers are self-levelling, so you can set-up, switch on and start working. Multi-purpose. Ideally suited for leveling and aligning wall mounts and location transfers. Useful for vertical or horizontal transfers or for 90° layouts.

Three-Year warranty after online registration.

Leica Lino L6R and L6G

The Leica Lino L6R and L6G self-leveling **red** and **green** multi-line lasers. Working range up to 230 feet in diameter.

Project 360° horizontal and vertical transfer lines around the workspace. Line intersections define transfer points from wall-to-wall or floor-to-ceiling. IP54 rating, great for jobsites. Multi-directional alignment.

L6Rs 918976 base **L6Gs** 918977 base
L6R 912969 package **L6G** 912971 package



Leica
GEOSYSTEMS

Model	Part No.	Description	Leveling accuracy	Range
P5	864427	Forget about plumb bobs or strings. 5 points	± 0.2 mm/m	100'
L2P5G	864435	Easy to see. 2 green lines and 5 green points.	± 0.2 mm/m	115'
L2P5	864431	Combining 2 red lines and 5 red points	± 0.2 mm/m	82'
L2G	864420	Cross line laser featuring 2 green lines.	± 0.2 mm/m	115'
L2	864413	Easy to use with 2 red lines.	± 0.2 mm/m	82'

Accessories for DISTO™ and Linos



Description

Laser GLB30 Red Glasses Kit (780117)
Laser GLB10R Red Glasses (834534)
Laser GLB10G Green Glasses (772796)
Leica RVL Line Laser (838757)
Leica RGR 200 Red and Green Laser Receiver (838757)



Description

Red Magnetic Target Plate (758831)
Green Target Plate (823195)
GZM3 Target Plate (820943)
GVM26 Target Plate (723385)
TRI70 Telescoping Tripod 16 - 45 inches with 1/4-20 threads and carry bag (794963)

Field Supplies



Our most popular heavy duty field supplies for daily work.



Kuker-Ranken Hand Levels

Kuker-Ranken 2x Hand Levels are hand-finished for smooth and accurate operation with etched glass prisms and precision ground lenses. Includes leather case.



Party Chief Safety Vest

PC15X Party Chief Survey vest with full reflective "X" BACK striping design. ANSI 107/CSA Z-96 compliant for use in the US, Canada and all across North America. Features: heavy duty 500/600D material, hammer hangers and padded shoulders.

Hard Hats - MSA

Front brim, standard hard hats. Superior top impact protection. Built for use by utilities, oil, gas and other areas where head protection is needed. Made of durable polycarbonate. White, Yellow, Orange, Blue and Pink



Hand Tools

Scribes

KCS	Premium Scribe with magnet
KPS	Premium Scribe
KGS	Giant Scribe

Machete's

33683	22" Machete Blade
33684	24" Machete Blade
33650	22" Machete Sheath
33670	24" Machete Sheath

OrangeTops

FP-18	18" Extra Rugged Frost Pin
-------	----------------------------

LimeTops

17-GAD18	18" GAD
17-FPY18FY	18" Frost Pin
17-MCP32-FH	32" Manhole

RedTops

4418GD	18" GAD
4418RT	18" Frost Pin
4432DP	32" Manhole Pick

Heavy Tools

17-EWB3-4LB	4lb. Sledge Hammer
E3-16S	16oz. Rip Hammer
E3-22p	14oz. Rock Pick



Kuker-Ranken Rainier Vest

Our Rainier Vest is made of Urethane Coated 1000 Denier Cordura® Nylon. This is a tough, durable, long lasting fabric that can withstand all weather. Rugged, double stitched, Class 2.



Seco 8265 Safety, Class 2 Utility Vest

Meets ANSI/ISEA Class 2 requirements. Made of durable polyester, brass grommets, heavy duty webbing and trim. Sizes Medium to 4X. Fluorescent Orange.



The MAG Nail has also been coated with an environmentally friendly zinc and clear chromate to resist corrosion. MAG Nail is your replacement survey nail for PK or Parker Kalon.

247500	3/4"x1/8" 100/bx
241000	5/32"x1" 100/bx
341250	3/16"x1-1/4" 100/bx
241500	1/4"x1-1/2" 100/bx
242000	1/4"x2" 100/bx
242500	1/4"x2-1/2" 100/bx
243500	3 1/2"x 1/4" 100/bx

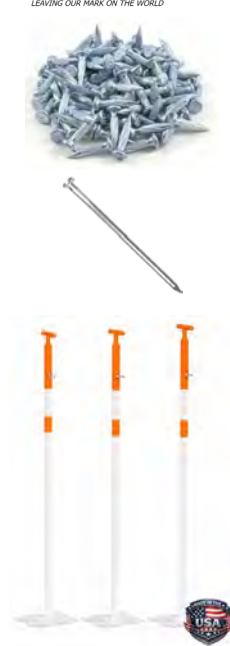
60-D Nails Heavy duty 60-D bright 6" common nails. Sold in bundles of 25 or 50lb. Boxes. (approx. 500)

Grade Checking

Adjustable –Swedes White Set of 3

Grade Checking Swedes Set, designed to ensure precise grading and leveling for construction, landscaping, and surveying professionals.

Made to handle, mud, rock and rough handling. A solid fit for construction, landscaping and surveying.



Plumb Bobs

6000-012	Seco Plumb Bob 12oz.
6000-014	Seco Plumb Bob 14oz.
6000-016	Seco Plumb Bob 16oz.
6000-018	Seco Plumb Bob 18oz.
6000-024	Seco Plumb Bob 24oz.



Field Supplies



Copy or laser print your own all-weather forms: Charts, Maps and Worksheets on patented Rite in the Rain All Weather Copier paper. 200 pages.

Part#:

#8511 8-1/2x11 50/sheets
#8517 11x17 200/sheets

301FX Stapled Notebook - Field Flex - Transit 3/pk
311FX Stapled Notebook - Field Flex - Level 3/pk
351FX Stapled Notebook - Field Flex - Field 3/pk
391FX Stapled Notebook - Field Flex - Journal 3/pk
300F Bound Book - Fabrikoid Cover - Transit
310F Bound Book - Fabrikoid Cover - Level
350F Bound Book - Fabrikoid Cover - Field
390F Bound Book - Fabrikoid Cover - Journal

Rite in the Rain

Durable Clicker Pens
Write on wet paper, upside down and won't leak.

Part#

#OR97 - Orange Pen, Black Ink
#BK13 - Black Ink
#97B - Blue Ink
#97 - Black Ink



Mechanix Wear Gloves

Designed for Mechanics, construction workers, trade professionals, service members and law enforcement. Provides protection from Cuts, Abrasion, Impact, Heat & Liquids. Utility, Nitril, Durahide, HI-Viz and M-Pact.



Komelon Measuring Tapes

use a vertically integrated manufacturing process utilizes the highest grade materials to insure an accurate, long-lasting tool that is guaranteed to withstand the harshest of work environments.

KOMELON



Aervoe Survey Marking Paint

A superior upside-down marking paint designed for survey marking. Clear, Red, Yellow, Blue, Green, Orange, Black, White, Silver, Purple, Red-Glo, Orange-Glo, Green-Glo, Yellow-Glo, Blue-glo and Pink-Glo



Seymour Ground Marking Paint

A solvent or non-solvent ground marking paint with fast-drying properties, vivid colors and non-clogging spray nozzle.



Presco Roll Flagging

-20F temperature resistance for superior weathering qualities. 2.0 mil for Standard Colors and 3.0 mil for Glo colors. Texas Grade - standard & glo Red, blue, yellow, orange, green, white, red-glo, yellow-glo, orange-glo, green-glo, blue-glo, pink-glo & lime-glo

Wood



Part No.	Descr.
SL2812	5/8"x12' Ft/Inches
SL2825IE	1"x25' Inch/Engr.
7125IE	1"x25' Inch/Engr.
425IEHV	1"x25' Inch/Engr.
433IEHV	1"x33' Inch/Engr.
6611	1/2"x100' Inch/Engr.
6622	1/2"x200' Inch/Engr.
6633	1/2"x300' Inch/Engr.

Part No.	Descr.
2x2x6	6" Hubs 25/bndl
2x2x8	8" Hubs 25/bndl
2x2x10	10" Hubs 25/bndl
2x2x12	12" Hubs 25/bndl
2x2x18	18" Hubs 25/bndl
2x2x24	24" Hubs 25/bndl
Lath 24	24" Lath 50/bndl
Lath 36	36" Lath 50/bndl
Lath 48	48" Lath 50/bndl
1x2x18	18" Stakes 50/bndl
1x2x24	24" Stakes 50/bndl
24" Wood Lot Board	25/bndl

Stake Chasers

Our stake chasers are designed for maximum visibility and durability. 6" with steel loop. White, orange, yellow, red, blue, pink, green-glo, orange-glo



Smi-Carr, Inc.

Surveying & Construction Accessories



92XXX Series 98010 Series

Part Number	Description
92001	8' Fiberglass Rods 10ths, Square
92021	13' Fiberglass Rods 10ths, Square
92041	16' Fiberglass Rods 10ths, Square
92031	20' Fiberglass Rods 10ths, Square
98010*	25' Fiberglass Rod 10ths, Rectangular-Oval, Surveyors Series

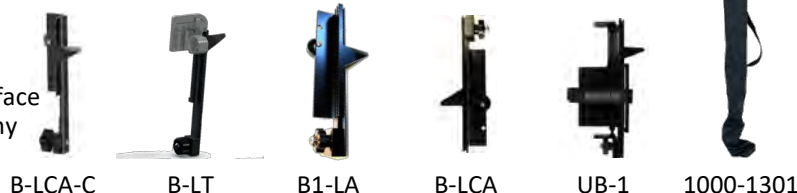
seco

Features rectangular shape with rounded back corners for better gripping. Scale width is graduated to fill the entire face of the rod. Strong fiberglass, waterproof, corrosion-resistant and non-conductive. Features a 1/4 x 20 female adapter in the top section.

*98010 is a rectangular-oval shape which allows for wide, glare-resistant and wear-resistant scales

Direct Reading (Lenker Style) Grade Rods

These Lenker Style Grade Rods feature a moveable tape face allowing you to set the actual benchmark elevation, or any elevation, above or below the bench into the rod



Part#	Description
B-LCA-C	Leica Bracket for Leica CLC Detectors
B-LT	AGL LS-100, Apache Lightning 2, Twister, Futura, Laser Reference R8, Leica RE-Plus, Sokkia MLR, Trimble HR250, 320, 350
B1-LA	Apache Cyclone, Leica RE Pro/Classic, Topcon LS100D
UB-1	Universal Bracket—Virtually all detectors
B1	AGL LS-4, Apache 34/44 Lightning, CST Berger LD100/120/200/400, DW LD18, Laser Alignment 4/5/6/7/8, Laser Reference R4/R5/R7, Nikon3, DS-30, LS-6, Sokkia, Spectra, Trimble HR200
B1-LS70/80	Futura CR3, Topcon LS30, LS50. LS70, LS80, LS1
B-Storm	Apache Storm, Future CR4, Leica RE/Digital
1000-1301	10' Lenker Rod Black Cordova Carry Bag



Replacement
Tape for
GR1000
1000-1023

Replacement
Tape for
GR1000T
1000-1026

GR1000
10' Direct Reading Rod
Feet, Tenths, Hundredths
With cut & fill

GR1000T
10' Direct Reading Rod
Feet, Tenths, Hundredth
LASERLINE MFG, INC.

Nedo 660050
Leica Prism adapter

Nedo 061837
5/8" to 3/8"
Tripod Adapter

Nedo 660030
Tripod Dolly
Lockable/Steerable

Nedo 210710
Elevating Tripod w/4
extension tubes

726-831 Leica GST101
Heavy Duty Wood
Tripod Extends to 65"

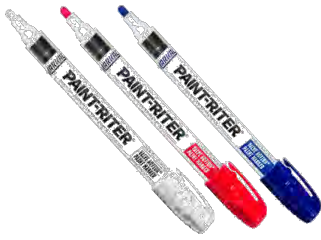
Dutch Hill GT2000A
Fiberglass Composite
Tripod Extends to 72"

Tri-Max 90550
Heavy Duty Fiberglass
Tripod Extends to 71"

Seco 5301-25-BLK
Heavy Duty Aluminum
Tripod Extends to 63"

667-301 Leica GST120-9
Heavy Duty Wood
Tripod Extends to 70.8"

Marking Products



Paint-Riter® Valve Action® is a fast-drying liquid paint marker that provides long-lasting, wear- and weather-resistant marks that are safe for almost any surface. As the most versatile liquid paint marker in the world, the xylene-free paint reduces user health risks and is available in 18 bold and fluorescent colors for accurate mark identification. Can be used on steel and iron, plastic, glass, pipes and tubes, rubber and tires, cloth and fabric.

MARKAL®

096820	White	096825	Blue	096822	Red	097052	Flo. Orange
096821	Yellow	097051	Flo. Green	096823	Black	097053	Flo. Pink

The Paintstik Original B Solid Paint Marker combines the durability of paint in the convenience of a crayon. The real paint formula has superior marking performance on oily, icy, wet, dry or cold surfaces and is weather- and UV-resistant. This Paintstik works on rough, rusty, smooth, or dirty surfaces. Perfect on steel, iron, pipes and tubes, rubber and tires, lumber and timber, plastic, glass, concrete and stone.

MARKAL®



080220	White	080222	Red	080230	Gray	082836	Flo. Green
080224	Orange	080223	Black	082831	Flo. Yellow	082842	Flo. Pink
080221	Yellow	080225	Blue	082834	Flo. Orange		



Markal Timberstik All Purpose Crayons are a soft, standard-grade lumber crayon for general-use marking and works well in cold climates. The wax-based mark is weather- and UV-resistant. Works on wood, concrete, stone, metal, plastic and rubber.

080350	White	080352	Red	080354	Orange
080351	Yellow	080353	Black	080355	Blue

MARKAL®



The **#085490** wooden holder eases grade and lumber marking while preventing crayon breakage, designed for hex-shaped Markal markers.



The **#085489** wooden holder for round crayons enhances comfort during marking while reducing breakage, making it a reliable tool for precision.



#096867 Replacement tips will extend the life of the marker by maximizing the paint or ink used when marking on very rough, rusty, or dirty surfaces. 12/pk



#KCS Premium Scriber with Magnet
Aluminum handle with pocket clip and magnet. Replaceable readed tip



#KGS—Giant Scriber
Aluminum handle with pocket clip. Replaceable threaded tip. Extra large size is 6.25" long



#KPS - Premium Scriber
Aluminum handle with pocket clip. Replaceable threaded tip



Stringliner PRO Mason's Line Reels are made of durable polyethylene, with a patented handle that allows you to quickly change rolls. You can rewind using the hand crank, or auto-rewind using a power screwdriver inserted into the slot in the bottom of the handle. Available in 250' or 1000' lengths.

250' Length

- 25106 Orange
- 25115 Flo. Green
- 25165 Flo. Yellow
- 25162 Flo. pink

1000' Length

- 25768 Green
- 25762 Pink
- 25759 Orange
- 25765 Yellow



Chalk-Rite® Jam Free #CR301JF Smooth winding 5-gear drive chalk line with ABS case, jam free line spool, and braided Extra Bold snap line.

- Jam-free braided line creates Extra Bold 0.04 in (1.0 mm) lines
- Durable ABS case with large refill port
- Smooth-running five-gear winding mechanism

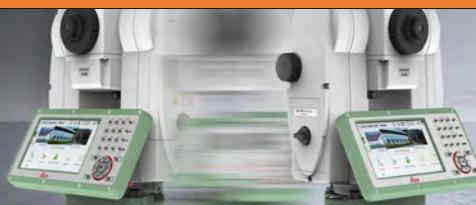


Tajima
Since 1963

Leica Robotic Total Stations



Automated Total Stations for the widest variety of measurement tasks and applications



Leica Nova MS60 MultiStation

The scanning robotic total station



The **Leica Nova TM60** helps you confidently monitor structures and critical assets by delivering precise, continuous measurement data when you need it most. Designed for demanding monitoring applications, it provides reliable real-time information so you can quickly detect movement and make informed decisions.

With 24/7 monitoring capability, the TM60 tracks settling, shifting, flexing, and other structural changes with exceptional accuracy. Its industry-leading ATRplus technology offers the longest automatic target recognition range, while half-second automatic aiming ensures precise, dependable measurements for long-term monitoring projects.



- **Surfaces and volumes** in construction and mining, soil heaps and stock-piles, DTM creation and checking surfaces, material thickness, blast faces and ground levels
- **Analysis of complex structures and objects within plant, marine and utility projects:** dimensional control, as-built and record keeping.



Leica MS60

Leica
GEOSYSTEMS

Leica TS20 Robotic Total Station

Be ready for surveying excellence with the total station defining the standard for productivity and the future of robotic



The Leica TS20 is the robotic total station productivity powerhouse for everyday surveying, from cadastral to construction. Packed with advanced automation, IP66 protection, integrated connectivity, cloud services, fast and maintenance-free motors, and much more, the TS20 ensures efficiency and reliability in even the most challenging environments.'

Whether you're setting up a control network, measuring points or staking out designs, the TS20 delivers a next-level total station experience empowering surveyors to work faster with fewer mistakes and total confidence. Be ready to elevate your surveying and



- **Advanced Automation** - Total station, meet NPU. Thanks to super in-field processing power, the TS20 automatically detects prism types and boosts efficient measuring with AI-Powered search and target aiming, even to tapes.
- **Leica AP20 optimized** - The pair for productivity. The only of its kind TS20-AP20 combo is the smart prism pole solution for strongest lock, worry-free height changes, and flexible, tilted measuring. It's where speed and accuracy meet for total efficiency.
- **All-weather ready** - No more rain checks. With IP66 for high dust and water protection and AI powered target aiming trained on the toughest conditions, measure through any weather.



Leica TS20



Leica
GEOSYSTEMS

Leica Robotic & Manual Total Stations



Automated Total Stations for the widest variety of measurement tasks and applications



Leica TS13 Mid-Range Robotic Total Station

Combining efficiency, reliability and scalability for all surveying applications.



The Leica TS13 robotic total station solution works with the revolutionary Leica Captivate software, turning complex data into the most realistic and workable 3D models.

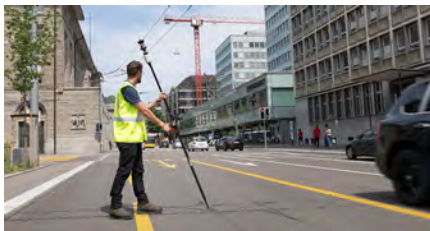
With easy-to-use apps and familiar touch technology, all forms of measured and design data can be viewed in all dimensions. Captivate spans industries and applications with little more than a simple swipe.



Leica TS13

The Leica TS13 total station provides a fast, reliable and efficient solution to measure and layout more points, tailored to the users needs. Equipped with Automatic Target Recognition (ATR) technology and optionally with prism lock and prism fast search functionalities, it enables to automatically measure or independently stake points across all applications.

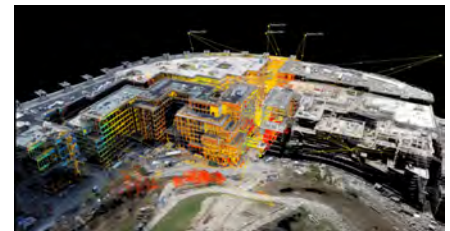
- **Efficient data collection for mapping projects:** measurements, adjustments, and computations – all supported by powerful coding and linework routines.
- **Easy-to-use and data-centric field software:** efficient data collection, management, visualisation, import and export.
- **Upgradeable total station for measurement and layout tasks:** starting with two-person, scalable to one-person operation.



Leica AP20 AutoPole



Leica Captivate



Leica Infinity



The **Leica FlexLine Series** is a line of reliable manual total stations designed for surveying, construction layout, and engineering measurement tasks. The FlexLine family—include the models: **Leica FlexLine TS03**, **Leica FlexLine TS07**, and **Leica FlexLine TS10**— the offer accurate distance and angle measurements along with intuitive onboard software for efficient field workflows. The instruments are designed to help surveyors measure more points with fewer errors, while features like AutoHeight, modern connectivity options, and rugged construction improve productivity and reliability on job sites ranging from construction and topographic surveying to civil engineering projects.

Leica Flexline TS03/TS07/TS10 Manual Total Stations

Best in class and easy to use.

The FlexLine TS10 is equipped with Leica Captivate field software, enabling you to tie into the modern 3D dataflow – including enhanced linework and coding. The new Leica FlexLine manual total stations work reliably and deliver accurate results even in harsh environments.



Leica Surveying Equipment

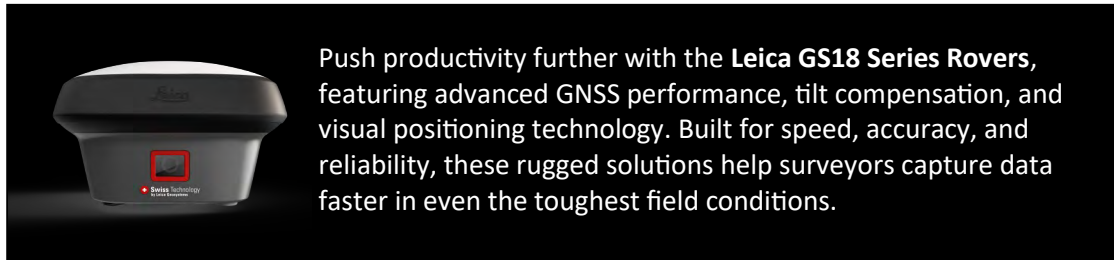
Leica GNSS and Field Controllers



Leica GS18 Series GNSS RTK Rovers

The Leica GS18 Series Rovers from Leica Geosystems are advanced GNSS RTK surveying solutions designed to deliver high-accuracy positioning, faster field workflows, and reliable performance in challenging environments. The GS18 Series includes innovative models such as the GS18 T with calibration-free tilt compensation and the GS18 I with visual positioning technology, allowing surveyors to measure points that were previously difficult or unsafe to capture.

- Advanced GNSS RTK technology with multi-frequency satellite tracking for reliable, high-precision measurements
- Available with tilt compensation and visual positioning capabilities for faster, safer field data collection.
- Seamless integration with Leica Captivate software and support for rover or base station operation.



Leica AP20 AutoPole

Leica AP20 AutoPole

The AP20 is the only smart system on the market that solves three common workflow problems: **Tilt Compensation, Pole Height** and **TargetID**

- Accuracy in height: +/- 1.0mm
- Tilt range: +/- 180°
- Range to Total Station: Typically 300m
- Number of different IDs: 16
- IP67 Dust and Water Resistance



Leica CS20

Leica CS20 Field Controller

With the CS20, you are in complete control and can take your entire office on the go. It provides you with an intuitive user experience and makes your measuring tasks enjoyable.

- Win EC7 / 2GB Ram
- 4GB Internal storage
- 5" Touch Screen
- IP68 Dust/Water Resista
- 8 hour battery life.



Leica CC200

Leica iCON CC200 - Field Controller.

The rugged 10" Leica iCON CC200 field controller delivers longer operating times and better usability than other solutions, thanks to its single 11-hour battery and large screen.

- Win 11 IoT Enterprise LTSC
- Intel® Core™ Ultra5 processor
- 16GB RAM / 512GB Data Storage
- Dust / Water - IP6x/IPx5

Construction Layout and 3D Measurement



Leica iCON iCS50 - Trouble Free Digital Templating & Interior Finishing

The robotic Leica iCON iCS50 provides exceptional flexibility and efficiency because it combines the benefits of laser technology with the advantages of the Leica vPen, the wireless measurement pen.

The Leica iCON iCS instruments' camera constantly observes the sphere of the Leica vPen with its unique dot pattern to precisely calculate its position from any direction accounting for tilt and orientation. Learn more about the advanced functionality that comes with the Leica vPen, Leica vPole, Leica vSphere, and Leica vTargets.



Leica vPole - Layout More Points

The unique visual-based target tracking is very robust and ensures that the Leica iCON iCS50 always stays connected to the Leica vPole. It also automatically compensates for pole tilt and automatically detects the pole height.



Leica vPen - Ideal for Digital Templating

This unique wireless measuring pen is very versatile and extremely precise (± 1 mm accuracy at 10 m). You can use it to measure on any surface, including glass, by simply touching the point you want to measure.



Leica vTarget - Easy Relocation

The visual-based target detection and the automated process greatly simplify the relocation of the device. New Leica vTargets are automatically detected. This saves time, avoids errors and allows you to quickly continue your layout.



High Degree of Flexibility

The Leica iCON iCS50 combines the benefits of laser technology with the advantages of Leica vPole and Leica vPen. Simply switch from one method to the other, depending on whichever supports your layout or measurement requirements best.

Your advantages:

- One-person operation
- Fast and Accurate Layout
- Easy Relocation
- Robotic motorization
- Measuring range: 0.3m - 50m (1' - 164')
- Simplified measurement and layout process due to visual measurement technology
- Quickly ready for use due to the 'auto-setup' process
- Easy relocation with Leica vTargets
- WiFi connection to tablet
- Li-Ion battery for a full working day
- Office to Field with Flexible Data Access

More information
and product videos.



Leica
GEOSYSTEMS



Construction GPS & Theodolites



Leica iCON iCG70T GNSS Rover

Super-modern technology for good old-fashioned accuracy.

The Leica iCON iCG70T is a rugged GNSS rover built for fast and accurate construction layout and stakeout tasks. With advanced tilt compensation technology, users can measure points without leveling the pole, improving productivity and accuracy on busy job sites. Integrated with Leica iCON software, the iCG70T delivers reliable performance even in challenging environments.

- Advanced tilt compensation for measuring without leveling the pole
- Calibration-free IMU technology resists magnetic interference
- Fast and accurate GNSS positioning for construction layout tasks
- Rugged, jobsite-ready design built for harsh environments
- Seamless integration with Leica iCON construction software



Leica
GEOSYSTEMS

Leica LDT-05 5-Sec Digital Theodolite

Digital electronic theodolite for construction

The Leica LDT-05 is a 5-second digital electronic theodolite designed for construction, engineering, and surveying applications, offering precise angular measurements and, in some configurations, 20x magnification. It is built for tasks such as alignment, grade work, and vertical plumbing.

- **Accuracy:** 5-second angular accuracy.
- **Magnification:** 20x (some models may be listed with 30x, though 20x is common in search results).
- **Laser Plummet:** Included for fast and easy setup over a point.
- **Display:** Dual, back-lit LCD panels for easy reading on both sides.
- **Compensator:** Automatic vertical angle compensator (tilt sensor) to maintain accuracy.



Leica
GEOSYSTEMS

David White Digital Transit Theodolite with Laser Plummet

30X Power Magnification | 5" Accuracy | Dual Digital Display | Water Resistant

The David White DT8 Digital Transit Theodolite gives you accurate measurement for a wide range of construction and survey applications.

- Incremental encoding detection system with dual digital displays and automatic power shut-off
- Laser plummet for centering of point
- Coaxial tangent and clamp screws provide ease of use in sighting and alignment
- Built-in battery pack can be attached and detached by a single action
- Water resistant, sealed construction

Includes: instrument, sunshade, tool kit, rain cover, plumb bob, carrying case, rechargeable battery pack/charger, alkaline battery tray, user manual



No. 46-D8896



Detection Equipment



A clearer view of underground utilities

MADE IN THE USA

Magnetic Locators

"Magnetic Locators are the quick and easy way to find ferrous and now non-ferrous materials both above and underground."



contractors' **top 50** PRODUCTS

SCHONSTEDT
INSTRUMENT COMPANY

SUBSURFACE
INSTRUMENTS, INC.

Schonstedt GA-52CX

Schonstedt Maggie

Subsurface ML-3SY

Subsurface AML Pro

Detects the magnetic field of iron and steel objects.
Great for locating Mag & PK Nails, Manhole Covers, Steel Pipes and Septic Tanks, Corner Markers, Well Casings and more...

Find buried PVC/PE Pipes using GPS and advanced digital technology

Power:	2X 9V Batteries / 40 hrs	1X 9V Battery / 24 hours	3X 9V Batteries / 40 hrs.	3X 9V Batteries / 25 hrs.
Length/Weight:	42" length	32.5"	40"	14" / 2.5lbs
Warranty:	7 Year Warranty			3 Year Warranty

Leica C-Thru

Utility Detection | Precision Utility Tracing | Cable Locating

All-in-one GPR for accurate scanning and real time analysis of concrete structures. See through concrete structures and reveal true data.

Finds:

Rebar, Voids, Post-Tension Cables, Cavities, Conduits More...
Call for your customized quote.

Leica
GEOSYSTEMS



Leica GPR DS4000 & DSX Series Ground Penetrating Radar & Utility Detection Solutions

There's a lot going on underground that you need to know about before you ever start to dig.

Leica Utility Detection Equipment finds all potential threats, including non-conductive pipes and fibre optics, increasing safety by lowering the risk of accidentally hitting underground assets.

Leica DT100 / DD100 & DD300 Series

Locate Underground Cables and Pipes

The Leica DT100/DD100 & DD300 Series locators feature easy to use controls for the detection of buried cables and pipes before excavation work.

Finds:

Cast Iron Water, Cast Iron, Gas, Telecom Lines, Power Lines, More...Call for your customized quote.



Unmanned Surface Vessels (USV / ROV)

Bathymetric surveying

Seafloor has been building Unmanned Surface Vessels (USVs) for over a decade. They lead the market with dynamic platforms that extend the capabilities of traditional survey equipment, enabling surveyors to remotely analyze otherwise challenging environments. Seafloor's turn-key USV platforms integrate professional-grade technology to efficiently conduct missions on water.



Seafloor

Field Supplies & Accessories



8080-00-ORG
Triple Prism
Bag



8130-00-ORG
Tall Triple
Prism Bag



8100-20-ORG
36" Rhinotek
Lath Bag



8101-20-ORG
48" Rhinotek
Lath Bag



8153-10-ORG
Extra Large
Tripod Bag



8180-20-ORG
Heavy Duty Prism
Pole Tripod Bag



8121-00-ORG
Top Loading Total
Station Field Case



09-2122-GT
2 Meter Alumi-
num Snap-Loc
Rover 10ths



09-2222-GT
2.2 Meter Car-
bon fiber Snap-
Loc Rover 10ths



5128-00
2 Meter two-
piece Rover Rod
Carbon Fiber



8102-00-ORG
33" Large Lath Bag
Carry up to 50 lath



07-4047
Mini Stake Out Rod 4.7"
5/8x11 threaded stud



641615
GMP111 Mini Prism with
holder. Has a 4 section
pole and prism with a
constant of +17.5 mm

seco



07-4001
Mini Stake Out Rod 1.28'
5/8x11 threaded tip
1-1/4" OD

07-4160

Mini Prism Pole Bipod
10" Aluminum Legs
Holds poles 1" to 1.25"

SitePro



Seco 5217-04-RED
Thumb-Release Bipod
No-crush bipod head
for poles from 1 to
1.25 inches
Extends to 6 feet



385500
GLS11 2.15
Reflector Pole
10ths and Metric



754391 GLS12 2m (cm)
754389 GLS12F 2m (ft)
Telescopic Pole
"Snap Locks" at 2M



667310
GLS112 3.65m
Reflector Pole
CM and Feet



752292
GLS30 Carbon Fiber Pole
1.8m and 2m "Snap Lock"
5/8" Screw



796-130
CRP3 Telescoping
Carbon Fiber/Alum.
Pole 10ths/100ths

Leica
GEOSYSTEMS

Field Supplies - Targets, Prisms and Carriers



503010

KR Reflective
Adh. Targets
30x30mm
Yellow 18/pk



503011

KR Reflective
Adh. Targets
30x30mm
Orange 18/pk



503015

KR Reflective
Adh. Targets
40x40mm
Yellow 12/pk



503016

KR Reflective
Adh. Targets
40x40mm
Orange 12/pk



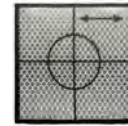
503060

KR Reflective
Adh. Targets
24x24mm
Silver 35/pk



503065

KR Reflective
Adh. Targets
44x44mm
Silver 12/pk



503070

KR Reflective
Adh. Targets
64x64mm
Silver 10/pk



503080

KR Reflective
Adh. Targets
104x104mm
Silver 1/pk



644327
Leica GRZ101

360° Reflector with male 1/4" thread on the top and female 1/4" thread on bottom. Can be mounted to the optional GLS115 prism pole.



754384
Leica GRZ122

360° Reflector with 5/8" Threaded adapter allows connectivity to the Leica SmartAntenna



639985
Leica GRZ4

Leica 360° prism with 5/8-inch thread adapter. For all robotic work with a survey pole. 2,000 foot working range and a prism constant of 23.1mm



763532

Leica Adhesive Reflective Targets
20mm x 20mm
20/pk



763533

Leica Adhesive Reflective Targets
40mm x 40mm
20/pk



763534

Leica Adhesive Reflective Targets
60mm x 60mm
20/pk



03-1517
SitePro

Swiss-style mini prism system is a compact set with high precision centering.. +17.5mm constant prism with built-in target plate



641618
Leica GPR111

Basic Circular Tilting Prism with holder and target. Absolute prism constant is -34.4mm. Leica prism offset is 0.0mm. Uses



641617
Leica GPR121

Leica Pro Circular Prism with Holder. Made with high quality for strict working conditions.



03-RT20MM

Sitepro Reflective Retro Adhesive Targets
20mm x 20mm
10/pk



03-RT30MM

Sitepro Reflective Retro Adhesive Targets
30mm x 30mm
10/pk



03-RT40MM

Sitepro Reflective Retro Adhesive Targets
40mm x 40mm
10/pk



03-RT60MM

Sitepro Reflective Retro Adhesive Targets
60mm x 60mm
10/pk



6602-02

Seco 25 mm L-Bar Mini Copper-Coated Prism. Ideal for deformation and mining surveys or where permanent mounting is needed.



6605-05

Seco 25 mm L-Bar Mini Silver-Coated Prism. Ideal for deformation and mining surveys or where permanent mounting is needed.



Rothbucher
RSMP390 / RSMP390M

Mini Prisms with Swivel and Tilt Function. Magnetic or non magnetic, silver or copper coating. Red or Gray.



Rothbucher
RS193 / RS193M

Reflective magnetic or non reflective targets are 360 degree rotatable and can always be precisely aligned with the instrument.



8126-20 Sokkia Plastic Plumb Line Target
2" x 4" Red & White
Notched for Plumb Line



5080 Duramark Paper Survey Targets
5" x 8" Red & White
Adhesive Back 25/pk



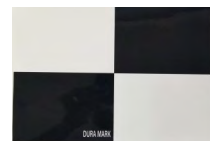
Rothbucher
RS80 Retro Reflective Angle Target
Two 40 x 40mm reflectors set at a 90° angle .



Rothbucher
RSK80 Carrier Plate
with screwed reflective angle target (RS80) for short or long term monitoring.



2540 Duramark Paper Survey Targets
2-1/2" x 4" Red & White
Adhesive back, 25/pk



7010 Duramark Paper Survey Targets
7" x 10" Black & White
Adhesive Back 25/pk

Tribrachs, Equipment and Accessories



**777508
Leica GDF321**
Leica Professional 5000 series green tribrach without optical plummet.



**777509
Leica GDF322**
Leica Professional 5000 green tribrach with optical plummet



**777970
Leica GDF323**
Leica PRO tribrach black without optical plummet



05-1200-B
SitePro Tribrach with 8-minute circular vial and optical plummet



05-1201-B
SitePro Eurostyle Tribrach with 8-min circular vial, black w/out optical



05-1300-B
SitePro Eurostyle Tribrach with 8-min circular vial and laser plummet



SitePro



8071-00-ORG
Seco Tribrach Case
Protect and transport your tribrach as you move from job to job. Easily holds a tribrach. Measures: 6 x 6 x 2 in Bright Orange Weighs .40 lbs.



**874838
Leica SNLL321**
Precision carrier with laser plummet
The laser provides convenient steering up even in conditions of poor visibility. Reflector centring accuracy 0.3 mm, plummet accuracy 1.0 mm at 1.5m.



**725566
Leica GZR103**
Carrier with optical plummet. Rotatable carrier with longitudinal bubble for use in tribrachs without plummet. Reflector centring accuracy 1.0 mm, plummet accuracy 0.5 mm at 1.5 m.



2010-00
Seco Fixed Tribrach Adapter. Use this adapter for mounting retro prisms and tripod mounted target systems.



2020-00
Seco Rotating Tribrach Adapter. This rotating friction top adapter allows the prism to be pointed after installation in the tribrach.



2070-00
Seco Rotating Swiss-Style Tribrach Adapter. This adapts retro prisms to Swiss-style tribrachs. Fits all tribrachs.



**667216
Leica GRT146**
Carrier with 5/8" Thread Perfect for tribrachs with optical plummet



**667313
Leica GRT144**
Tribrach adapter carrier for snap-in prisms and antennas



2001-00
Tribrach Adjusting Cylinder
Use for checking and adjusting optical plummet tribrachs in the office.



2002-00
Tribrach Adjuster
Use for adjusting optical plummet tribrachs & tribrach bubbles with 2-minute bubble.

Leica Ultimate Backsight

Leica 641617

Leica GPR121 Pro precision circular prism with anti-reflex coating, a mounted in metal holder and range of up to 11,500 ft. GPR121 target plate is removable.

Leica 667313

Leica GRT144 Tribrach adapter carrier for snap-in prisms and antennas with optical plummet. Reflector centering accuracy: 1.0mm

Leica 777509

Leica GDF322 Professional tribrach with optical plummet. High quality, robust tribrach with an 850 gram weight and Torsional stiffness < 1"



Accessories



Genuine Leica Geosystems accessories, such as pole adapters, topo boots and replacement points, help ensure accurate and efficient surveying, keeping your jobs running smoothly.



**819952
GLS30
Pole Tip**
Replacement prism
pole point for Leica
GLS30 & GLS31
poles.



**667217
GAD31 Screw
to Stub**
For mounting of
GNSS antennas to
poles and carriers
with stub



**743503
GAD105 Mini Prism
Adapter**
For attaching the
GMP111,
GMP111-0 to poles
and carriers



**742006
GAD103 Mini
Prism Adapter**
Mini prism adapter
for attaching the
GRZ101 to poles
with stub.



**806685
GAD103 Mini
Prism Adapter**
Mini prism adapter
for attaching the
GRZ101 to poles
with stub.



**806687
GAD103 Mini
Prism Adapter**
Mini prism adapt-
er for attaching
the GRZ101 to
poles with stub.



**817345
GAD103 Mini
Prism Adapter**
Mini prism adapt-
er for attaching
the GRZ101 to
poles with stub.



**667236
GAD103 Mini Prism
Adapter**
Mini prism adapter
for attaching the
GRZ101 to poles
with stub.

Seco cutting edge accessories for surveying, construction, utilities and other industries that use GPS/GNSS technology.



5194-003
Sharp point for
tripod or prism
pole



5194-007
Dull point for tripod
or prism pole



5194-01
Aluminum point with
replaceable plumb
bob point



5194-03
Lightweight dull point
with replaceable tip



5194-05
Lightweight sharp point
with replaceable tip



5194-00
Point with
removable tip.



5180-00
Double male
adapter



2090-00
Adapter for Leica
prism



2090-04
Height adapter for Seco,
Sokkia, Omni 115mm prisms



2131-01
5/8 x 11 female to 1/4 x
20 female adapter



91605
Aluminum point and
steel tip



6200-10-003
Replacement point
for mini prisms



2080-00
Leica prism
adapter



2080-SS
Stainless steel
Leica prism pole
adapter



2090-10
Quick change adapter
for Leica GPH1



6601-01
Swiss-style quick release
adapter with 1/4-20
threads



2090-02
Height adapt-
er for Leica
86mm prisms



5187-00
GPS Quick release
adapter



5181-00
Double female
adapter



5192-02
Toopo Show &
Point Combo



91601
Topo boot



5194-10
Center punch
point



5210-012
Seco Bipod/
Tripod foot plate



5195-01
Pole peg
adjusting jig

High Definition Scanning (HDS)



Leica ScanStation P50

The fastest and safest, long-range 3D laser scanner.

High Performance | Scan inaccessible places | Complete Scanning Solution

For industry professionals looking to scan inaccessible places and find new business opportunities, Leica ScanStation P50 is the fastest and safest, long range 3D laser scanner. Unlike any other laser scanner, the P50 solution maximises productivity by scanning inaccessible places at a safe position on site, reducing time in the field with less setups.

- Highest quality 3D data and HDR imaging
- Ranges of up to 1 kilometre (.62mi)
- Low range noise
- Survey-grade dual-axis compensation



Leica
GEOSYSTEMS

Leica ScanStation P40/30

The right choice | Reduce downtime | Industry leading software Versatile high-speed laser scanner.

Leica ScanStation P30/P40 deliver highest quality 3D data and High-Dynamic Range (HDR) imaging at an extremely fast scan rate of 1 million points per second at ranges of up to 270m. Unsurpassed range and angular accuracy paired with low range noise and survey-grade dual-axis compensation form the foundation for highly detailed 3D colour point clouds mapped in realistic clarity.



- Highest quality 3D data and HDR imaging
- Ranges of up to 270 m (.62mi)
- Low range noise
- Survey-grade dual-axis compensation

Leica
GEOSYSTEMS

Leica RTC SERIES

Advanced laser scanning. Real-time intelligence. Your work, made faster than ever.

Leica RTC300 - Agile reality capture for evolving projects. Up to 85 meters, 1 million pts/sec.

Leica RTC500 - High performance scanning with operational flexibility. Up to 130 meters, 2 million pts/sec.

Leica RTC700 - Maximum range and accuracy for demanding work. Up to 270 meters, 2 million pts/sec.

- **Three Scalable Tiers:** As your projects grow, you can upgrade your scanner to a higher performance.
- **Real-Time Collaboration (Livelihood):** Allows field teams to stream data directly to the Cloud. Allowing teams to view data and issues before leaving the site.
- **Automated VIS Registration:** Leica's Visual Inertial System (VIS) scanners automatically track your position from station to station, pre-registering your point cloud in the field.

Leica
GEOSYSTEMS



High Definition Scanning (HDS) Accessories



Leica GEB461 / 973449
Battery Li-Ion, 10.8V/6.7Ah
For use in the Leica RTC /
RTC360



Leica GEB242 / 793975
Battery Li-Ion, 14.5V/5.8Ah
For use in the Leica P40/50
Series



Leica GKL341 / 799187
Four Bay Professional
Charging Station for GEB
Batteries



Leica GKL311 / 799185
One Bay Professional
Charger 3000 for GEB
Batteries



Rothbucher
Scanner Sphere
with Magnet
RSLB10M



Rothbucher
Scanner target –
RSL420M/
RSL422M Series



Leica GZT21
4.5" Circular B&W Tar-
get for ScansStation
822694



Leica HDS 6"
Black and White Tilt
& Turn Target
793530



Leica GEV282
Power Supply for
ScanStation P-Series
864640



Omni Spheres
6 Piece Scanner
Sphere with case
4150-00



Leica Flat Magnetic
Mount with 5/8"
Male threaded post
670229



Leica GAD122
RTC360 to Leica
Tripod Adapter
870985



Leica GAD132
Leica RTC Series
Adapter
1034013



Leica GAD133
Leica RTS Series
Adapter
1034014



Leica GAD120
Tribrach Adapter
for RTC360 Scanner
842067



Leica GAD121
Wall Mount
Adapter for RTC360
842068



Leica GDF323
Tribrach w/out
Optical Plummet
777970



Leica MS256
Industrial USB Stick
256GB For RTC360
842065



Leica GAD50
For mounting re-
flectors & targets
823044



Leica GAD51
Stub to Screw
Adapter
850569



Leica GVP781
Backpack for
RTC Series
1015142



Leica GVP736
Backpack for
RTC360
865471



Leica GVP730
Container for RTC360
& Accessories
817063



Leica GST80
Carbon Tripod for
RTC360 62"
842066



KukerRanken
Heavy Duty Carbon
Fiber Tripod 78"
KRTRIP711



Nedo Tripod
2-Way Elevator Tripod
197" / 16.4'
210710



Nedo Tripod Dolly
with large wheels,
extra sturdy
660030



Leica BLK Series Scanners



Leica BLK360 Imaging Laser Scanner

The all-new **Leica BLK360** is an advanced precision imaging laser scanner. The next generation of the smallest and lightest laser scanner has arrived. At the push of a button, users can capture a full scan with spherical images in only twenty seconds—over five times faster than the BLK360 G1.



- Four scan settings capture data in 7, 13, 30, or 75 seconds at 680,000 points per second
- Rich high dynamic range (HDR) imagery with 5 bracket HDR
- Small and light, measuring 155x80mm and weighing just 850 g with batteries installed
- 5 times faster than the BLK360 G1, taking 20 seconds for a full-dome scan with photospheres
- Visual Inertial System (VIS) automatically pre-registers scans in the field
- High speed data transfer via USB-C and WiFi

Leica BLK2GO LiDAR & Imaging— Mobile Mapping. Simplified

The **Leica BLK2GO** is a lightweight, handheld imaging laser scanner designed for fast and efficient reality capture while walking through indoor or outdoor environments. Using Leica's GrandSLAM technology, the BLK2GO combines LiDAR, panoramic cameras, and an IMU to create accurate, colored 3D point clouds in real time without the need for tripods or complex setups

- Captures up to 420,000 points per second for fast, detailed 3D scanning
- Uses GrandSLAM technology combining LiDAR SLAM, Visual SLAM, and IMU positioning
- Lightweight wireless design weighs approximately 1.7 lbs (775 g) with battery
- Creates fully colored 3D point clouds with integrated panoramic and high-resolution cameras
- Ideal for scanning buildings, stairwells, industrial sites, and complex indoor environments quickly and efficiently



Leica BLK3D 3D Imager - In Picture 3D Measurement Solution.

The **Leica BLK3D** is an innovative handheld imaging device that combines photogrammetry, laser measurement, and stereo imaging technology into a compact, smartphone-like design. It allows users to capture images and extract accurate 3D measurements directly from photographs



- Captures precise 3D measurements directly from images using integrated stereo cameras
- Compact handheld design operates similarly to a smartphone for easy field use
- Measures distances up to 250 m with laser measurement accuracy up to ± 1 mm under favorable conditions
- Ideal for as-built documentation, floor plans, construction progress tracking, and reality capture workflows



Leica Zeno FLX100 plus Data Collector



Leica Zeno FLX100 plus with Tilt



Precision from Every Angle

Compact, rugged and lightweight, the Leica Zeno FLX100 plus is the ultimate solution for professionals who demand precision and flexibility. Achieve up to 2 cm accuracy with ease-and experience unlimited tilt capability that lets you capture data from any angle without compromise.

Pair the FLX100 Plus with Leica Zeno Mobile One for a seamless workflow or connect with Leica Zeno Connect to unlock high-accuracy positioning in your favorite data collections apps across multiple operating systems. Wherever your work takes you, the FLX100 Plus delivers performance without limits.



FLX100 plus GIS Data Collector

Achieve 2cm accuracy with a palm-sized, easy-to-operate GIS data collector that is compatible with iOS, Android, or Windows devices.

The FLX100 plus comes with a free trial of Zeno Mobile, our field app that is compatible with ArcGIS Online or ArcGIS Online Enterprise.

Prefer a different collector app? No problem, just run Zeno Connect to send data to the compatible app of your choice.

Accessories:

- GLS30 Fiberglass Pole 752292
- Hand strap Tether 948729
- Tablet Bracket 8255867
- Pole Mount to attach to pole 915867
- Handheld Tray 915868
- Hard Carry Case 8255251
- CCP Warranties available



Specifications:

Horizontal real-time accuracy	RTK (Multi-frequency): 2cm + 1ppm*
Vertical real-time accuracy	RTK (Multi-frequency): 3cm + 1ppm*
Post-processing accuracy static mode	Horizontal 2cm + 1ppm* Vertical 3cm + 1ppm*
Satellite signal tracking	GPS (L1 C/A, L2C), Glonass (L1OF, L2OF), BeiDou (B1I, B2I), Galileo (E1B/C, E5b), QZSS (L1C/A, L2C), SBAS
Number of channels	184 channels
Battery	Internal 3.8V Approx 20 hours / 4 hours to full charge



CHCNAV X500 Professional Multirotor Drone



The **CHCNAV X500** is a versatile UAV designed for high-precision aerial mapping and surveying. Built with a rugged, weather-resistant design, it delivers reliable performance in demanding field conditions while capturing high-quality data for mapping, inspection, and surveying applications. Its efficient flight performance and advanced positioning technology help professionals collect accurate results quickly and safely.

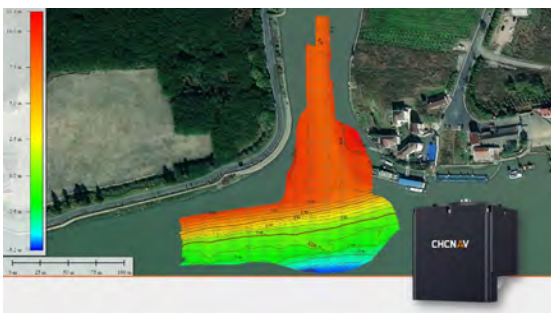
Key Features

- Built for high-precision mapping and surveying workflows
- Rugged, weather-resistant design for reliable field operations
- Efficient flight performance for fast, accurate data collection



The **CHCNAV Apache Series** is a lineup of unmanned surface vessels (USVs) designed to make hydrographic and bathymetric surveying safer, faster, and more efficient. These autonomous marine platforms—such as the **Apache 3**, **Apache 4**, and **Apache 6** - allow surveyors to collect high-accuracy underwater data in lakes, rivers, coastal areas, and harbors without putting personnel on the water.

Equipped with advanced GNSS positioning and compatible with sensors like single-beam and multibeam echosounders or ADCP systems, the Apache series can autonomously follow survey routes while capturing precise depth, flow, and seabed information. This makes it a powerful solution for applications such as channel surveys, infrastructure inspections, dredging monitoring, and offshore construction support.



The **CHCNAV HQ-400 multibeam echosounder** is a compact and powerful system designed for high-resolution bathymetric and hydrographic surveys. It integrates sonar, temperature sensors, attitude sensors, positioning, and a compass into a single, lightweight unit.



CHCNAV Apache 3



CHCNAV Apache 4



CHCNAV Apache 6



Inspired Flight Enterprise Drones



IF800 Tomcat - Portable, Deployable, Dependable



The **Inspired Flight IF800 Tomcat** is a reliable and versatile drone specifically designed for professionals, featuring advanced capabilities for high-resolution aerial photogrammetry, precise surveying, search and rescue operations, and infrastructure inspection.

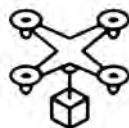
This American-made tool meets high-quality standards while enhancing operational efficiency and productivity. Its key applications span defense, mapping, utility inspection, and public safety, making it an invaluable asset for those looking to innovate and elevate their

organizational capabilities. Embrace the opportunities the F800 Tomcat offers to transform your field.



54 min

Max flight Time



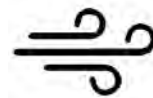
6.6 lbs

Max Payload



49 mph

Max Speed



23 knots

Max Wind Resistance

Inspired Flight Payloads - Inspired Flight offers a range of integrated payloads tailored to meet the specific needs of each industry. By understanding the unique challenges of different sectors, we enhance operational efficiency and data collection. Our commitment to customization ensures that our solutions align with industry standards, elevating our clients' aerial operations in agriculture, construction, and surveillance.

OPTICAL



Sony ILX-LR1



Sentra 65R

The Sony **ILX-LR1** Industrial Camera captures stunning 4K imagery with a lightweight design for easy drone or equipment mounting.

The **Sentra 65R** is an ultra-high resolution sensor engineered for seamless integration with drone and RTK systems.

EO/IR



Gremsy VIO F1

The **Vio F1** series offers advanced lightweight EO/IR payload technology for industrial applications.

It features a 4K zoom sensor, a 640x512 radiometric thermal camera, and an integrated 2400m laser rangefinder, providing exceptional performance in a compact design.

LiDAR



GeoCue TrueView 535

The **TrueView 535** upgrades the TrueView 515 with a third LiDAR beam for better vegetation detail and an extra nadir camera for clearer photogrammetry, improving data quality and accuracy.

Its extended LiDAR range provides greater versatility for surveying applications and other uses.

GeoCue Drone Mapping Hardware & Software



GeoCue - The Leaders in LiDAR mapping hardware and software.

GeoCue's dual-purpose mobile mapping and drone LiDAR systems skillfully blend the strengths of both technologies, providing unparalleled effectiveness in capturing complex environments. This versatile sensor empowers professionals to seamlessly tackle a wide range of projects, whether it's capturing vast aerial perspectives over expansive terrains or gathering detailed ground-level data in confined urban spaces. The adaptability of this system allows for efficient data collection across varied landscapes, enabling users to optimize their workflows. By investing in just one multi-functional sensor, you not only maximize efficiency but also gain the flexibility to adapt to diverse project requirements with remarkable ease, ultimately enhancing the quality and accuracy of your data outputs.

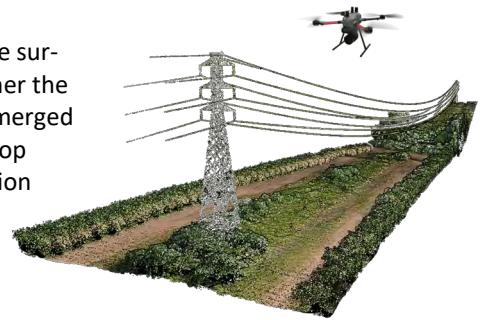


UAV LiDAR and photogrammetry data processing

With GeoCue's LP360 software, you can efficiently process, analyze, and optimize drone survey data, transforming it into valuable insights and deliverables. Whether the LiDAR data is collected airborne or terrestrially, 3D point clouds have emerged as a crucial component in mapping efforts. LP360, a sophisticated desktop LiDAR software solution, streamlines the process of extracting information and producing deliverables within an intuitive GIS environment.



- Intuitive workflow
- Multi-flight import and processing
- GIS interface allowing combination with other geospatial data
- Powerful point cloud visualization with multiple and synchronized windows



GeoCue TrueView Sensors

TrueView 535



The TrueView 535 enhances the popular TrueView 515 with an additional LiDAR beam return for better vegetation detail and three 26 MP cameras—two oblique and one nadir—for improved photogrammetry.

- LiDAR + Imagery
- Hesai XT32M2X
- 32/3 LiDAR Returns
- LiDAR Range - 120 m @ 20% reflectivity
- Precision: 5 mm / Accuracy: 20 mm
- Up to 640 kHz Pulse Repetition Rate

TrueView 540



The TrueView 540 Sets a New Standard for Accuracy and Quality in the 500 Series, Making High-end LiDAR More Accessible Than Ever

- LiDAR + Imagery
- CHCNAV single beam laser scanner - 1535nm wavelength
- Up to 8 LiDAR Returns
- LiDAR Range - 400 m for targets > 20% reflectivity
- Precision: 5 mm / Accuracy: 15 mm
- Up to 500 kHz Pulse Repetition Rate
- 45 MP Global Shutter Full frame Camera

High Definition Scanning / Enterprise Drones



DJI Matrice 400 RTK **Engineered for Excellence**

Max Flight Time: **Longer** 59 Min
Max Speed: **Faster** 55 MPH
Sensing System: Forward, backward, upward, downward, left, right
Max Payload: **Stronger** 6.0kg / 13lb.
Camera: 1080p resolution
IP Rating: IP55
Battery: New Dual-Battery, hot swappable battery system



DJI Matrice 30 Series

Optimized for public safety

Sensor: 1/2" CMOS Sensor
Max Flight Time: 41 Min
Max Speed: 51 MPH
Sensing System: Upward, downward, backward, sideward
Max Transmission Distance: 4.97 miles
Max Takeoff Weight: Approx. 8.8lbs



DJI Mavic 3 Enterprise

Your Everyday Commercial Drone

Sensor: 4/3 CMOS Mechanical Shutter (3E)
1/2-inch CMOS, Effective pixels: 49 MP (3T)
Max Flight Time: 45 min
Sensing System: Forward, backward, upward, downward
Max Transmission Distance: 10 km
Weight: Approx. 1050 g / 2.31 lbs.

WingtraOne GEN II

A mapping drone for fast and accurate surveying data every time.

Efficient fixed-wing flight

Fly at 16 m/s (36 mph) for up to 59 minutes per flight for large coverage.

61 MP camera

WingtraOne can fly higher than drones limited to 20 MP cameras, so you capture more ground and more detail with every picture and a larger area per flight.

No more GCPs, checkpoints only.

With an onboard high-precision PPK GNSS receiver you no longer need to lay out ground control points (GCPs). Use as few as three checkpoints to verify your map quality.



**Ready to fly in five minutes.
Fully Autonomous.**



Full-frame camera: 61MP
Max Flight Time: 59 Min
Max telemetry range: 10km/6mi
Lowest GSD: 0.28 in/px
Absolute HZ accuracy down to: 0.4 in
Coverage at lowest GSD: 270 ac
IP Rating: IP68 Rated for water and dust resistance.

Autel EVO II V3 Rugged Bundles



EVO II Series V3

The new Autel EVO II series v3 drones have arrived. There are six new models with a full suite of accessories to keep your flying time productive. So you can Work Like Never Before.

AUTEL
ROBOTICS



EVO II Pro 6K Rugged Bundle V3

102001513

The leader in Picture Quality and Flight intelligence. Featuring a 1" sensor, 6K Ultra HD, a 20MP camera, and 360° obstacle avoidance.

- 1x Aircraft: battery, propeller, gimbal cover, 32GB SD card
- 1x Remote Controller & lanyard
- 1x Spare Control Sticks (pair)
- 1x Spare Battery
- 1x spare Propeller (pair)
- 1x Battery Charger & Power Cable
- 1x RC Charger and Cable
- 1x Carrying Case



EVO II Pro 6K RTK Rugged Bundle V3

102001519

Capture Every Detail. An entirely new RTK module provides real-time centimeter level positioning data and supports PPK.

- 1x Aircraft: battery, propeller, gimbal cover, 32GB SD card
- 1x Remote Controller & lanyard
- 1x Spare Control Sticks (pair)
- 2x Spare Battery
- 2x spare Propeller (pair)
- 1x Battery Charger & Power Cable
- 1x Multi-Charger
- 1x RC Charger, Cable and Case
- 1x Extended Port Cover
- 1x Carrying Case



40 min max flight Time | 9.3 mi HD Transmission | 16x Digital Zoom | Modular Accessories

AUTEL
ROBOTICS



EVO II Dual 640T Rugged Bundle V3

102001512

Equipped with a 640*512 high-resolution thermal imaging camera featuring a 13mm focal length lens and 16x digital zoom, It is easy to observe distance target.

- Aircraft (including battery, propellers, and gimbal cover)
- V3 7.9" Smart Controller (with controller case)
- Spare Propellers (pair)
- Smart Controller USB-C Charging Cable & Power Brick
- Battery Charger (Wall Cord and Power Converter)
- Spare Battery
- Spare Controller Sticks
- 32 GB SD Card
- Smart Controller Hanging Neck Strap
- Evo II Battery Car Charger
- Evo II Battery Multicharger



EVO II Dual 640T RTK Rugged Bundle V3

102001517

Dual Camera, Accurate Temperature Measurement. Equipped with a high-resolution thermal imaging camera and an all new Sony .8" 50 megapixel RYYB sensor.

- 1x Aircraft: battery, propeller, gimbal cover, 32GB SD card
- 1x Remote Controller & lanyard
- 1x Spare Control Sticks (pair)
- 2x Spare Battery
- 2x spare Propeller (pair)
- 1x Battery Charger & Power Cable
- 1x Multi-Charger
- 1x RC Charger, Cable and Case
- 1x Extended Port Cover
- 1x Carrying Case



Autel EVO II V3 Enterprise Bundles



EVO II Enterprise Series V3



EVO II Enterprise V3 integrates a superior imaging system, an upgraded 15km image transmission (SkyLink 2.0) and additional accessories in order to meet different aerial needs including inspection, search and rescue, law enforcement, fire fighting, and more. The foldable design empowers industry users with an efficient and portable aerial work tool.



EVO II Pro 6K Enterprise Rugged Bundle V3

102001515



EVO II Dual 640T Enterprise Bundle V3

102001516



Benefits of the V3 Series Smart Controller/SE;

- 2000 Nit Super-Bright screen Controller
- 2K Ultra HD screen on Smart Controller
- 128 GB of data storage on Smart Controller
- Nearly 5 hours of battery life
- Fan-cooled for operation in high-heat environments

Benefits of the V3 Series Aircraft: Thermal Models:

- Outline transparency control
- Radiometric
- Detail/Outline Enhancement

Benefits of the V3 Series Aircraft

- 40 minutes of flight time
- 15 km/9.3 miles of range (clear LOS)
- 128GB internal storage
- Access to all constellations (V3 seeks satellites much faster in multi-path environments)
- Tri-Band signal (2.4, 5.8, 900MHz)
- Optimized for low light and clean zoom
- Radiometric Thermal (640T models)
- ISO 44,000 (Night mode)
- 360° Obstacle Avoidance
- Encrypted data transmission

Mission Versatility

With an expanded selection of accessories at its disposal, the EVO II Enterprise V3 can evolve from a simple imaging tool to a multifunctional flight platform that can adapt to different scenarios.



Loudspeaker

Enables effective on-site communication through long-distance live broadcasts and prerecorded audio loops.



Spotlight

Beams a powerful, long-distance aerial light when searching or shoot-ing at night.



Strobe

Indicate the location of the aircraft at night to avoid air traffic accidents. Compliant with FAA regulations for night flying, visible over 3 Miles away.



RTK Module

(Optional)

Provides centimeter-accurate positioning data for mapping and reduces electromagnetic interference for flying near critical structures.

Service and Rentals



Explore our Rental Equipment



- **Construction Equipment:** Grade Lasers, Automatic Levels, Digital Levels, Pipe Lasers
- **Land Surveyors Equipment:** High-Definition Scanning (HDS), Total Stations, GPS, Data Collectors, Ground Penetrating Radar (GPR)
- **Tools & Accessories:** Tripods, Prisms, Prism Poles, Tribrachs and more.

[See More: Kukerranken.com/Rentals](https://www.kukerranken.com/Rentals)

Get your project done without the long-term commitment!

- **Equipment Repairs**
Kuker-Ranken provides expert repair services for surveying and construction equipment, ensuring optimal performance, quick turnaround, and reliable service.
- **Equipment Service**
Kuker-Ranken delivers top maintenance for surveying and construction equipment, boosting performance and reducing downtime for smoother operations.
- **Equipment Updates**
Kuker-Ranken updates your equipment's software and firmware for enhanced performance, new features, and security fixes.

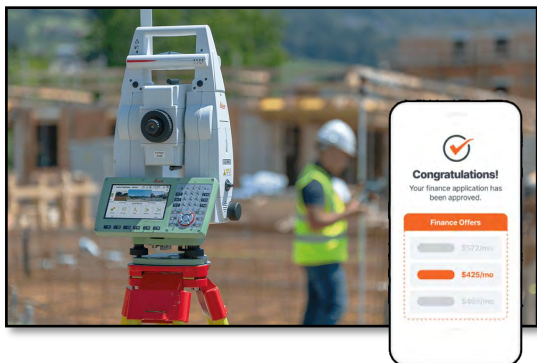
Kuker-Ranken provides construction and surveying equipment rentals, high-quality tool sales, and repair services, offering expert advice and tailored solutions for the land surveying and construction sectors.

[See More: Kukerranken.com/Service](https://www.kukerranken.com/Service)

Explore our Service Department



Explore our Easy Financing



- **Speed and Ease.**
Get the equipment you need on your terms. Apply in 60 Seconds
- **Preserve Cash Flow**
Get the equipment and funding you need to grow while maintaining healthy cash reserves.
- **Maximize Tax Benefits**
Leverage Section 179 to deduct the full cost of financed equipment and offset interest rates.



[See More: financing.approvepayments.com/kuker-ranken](https://financing.approvepayments.com/kuker-ranken)

Authorized Leica Service Center



[www.KukerRanken.com](https://www.kukerranken.com)

Training & Education Services



Beginning and Continued Training

Build confidence in the field and in the office with our comprehensive training programs, designed to help you get the most out of your equipment and software. Whether you're just getting started or looking to sharpen advanced skills, we offer flexible **in-person classroom** and **online training** options tailored to your workflow.

Our expert-led sessions cover a full range of technologies, including drone operations, data processing, and survey-grade instrumentation. We provide hands-on, real-world instruction so you can apply what you learn immediately on the job.



What We Train

We offer training across all major platforms and solutions we support, including:

- Drone hardware from DJI, Autel Robotics, CHCNAV, and Inspired Flight
- Drone mapping and processing software such as Leica Geosystems and Pix4D
- Survey equipment and workflows from Leica Geosystems
- Leica software platforms including Leica Infinity, Leica Captivate and more.

We Train for Real World Work!

Classroom Training

Instructor-led sessions at our facilities or your location, featuring hands-on exercises, live demonstrations, and direct interaction with our experts.

Onsite Training

We provide hands-on, in the field training that empowers our surveying customers to confidently use their equipment and master real world workflows

Online Training

Convenient virtual classes that walk you step-by-step through workflows, with opportunities for Q&A, guided practice, and real-time support.

Why Train With Us?

- Practical, workflow-focused instruction
- Experienced trainers with real-world and real-industry knowledge.
- Small class sizes for personalized attention. Or schedule a training just for your team.



Get the skills you need to work smarter, faster, and with confidence—no matter the project.

Authorized Leica Service Center



www.KukerRanken.com



A Legacy of Expertise: Kuker-Ranken

Behind every great instrument is a team that knows how to unlock its full potential. For over **90 years**, **Kuker-Ranken** has been that trusted partner — a leader in surveying, construction, and geospatial technology across the western United States.

From its early beginnings supplying transits and levels, Kuker-Ranken has evolved into a full-service Leica Geosystems distributor and technical support hub. Their success is rooted in a simple philosophy: pair world-class equipment with world-class knowledge.

“Technology is only as powerful as the people who use it,” Rob Mitchell explains. “At Kuker-Ranken, we don’t just sell instruments — we teach you how to make them work for your business. Our equipment and software is a perfect example of what happens when great engineering meets practical expertise.”

Seattle

21601– 66th Ave. W. Unit A
Mountlake Terrace, WA 98043
Local 425-771-7776 | Toll Free 800-454-1310

Tacoma

4905 Pacific Hwy East, Suite 1
Fife, WA 98424
Local 253-922-6087 | Toll Free 888-562-3082

Portland

308 SE Taylor Street
Portland, OR 97214
Local 503-641-3388 | Toll Free 800-472-7007

Las Vegas

5850 S. Polaris Ave., Suite 700
Las, NV 89118
Local 702-586-1152 | Toll Free 844-420-1687

Salt Lake City

2712 S. 3600 W., Suite D
Salt Lake City, UT 84119
Local 801-878-9763 | Toll Free 844-702-7329

Boise

4686 W. Chinden Blvd.
Garden City, ID 83714
Local 208-369-4388 | Toll Free 800-537-6848

St. George

498 W. Telegraph Street #420
Washington, UT 84780
Local 801-878-9763 | Toll Free 844-702-7329

Sales - Service - Rental - Training
Technical Support - 425-953-2825
www.KukerRanken.com