

ACCESSORIES

ANKKEENS

CATALOG



GNSS



Land Surveying



GIS



Construction Site Prep



Agriculture



Mining, Tunneling,
Monitoring and Rail



Safety



Energy

CONTENTS

Tripod
Mini Tripod
Lifting Tripod
Mini Rover Rods
Aluminum Builders Rods
Pole & Bipod
Portable Telescopic Pole
Carbon Fiber Centering Rod
Extension Rod
Adjustable Universal Pole
Red and White Centering Pole
Claw Cradles
Carbon Fiber

Rover Rods
Centering Rod Tip
Measuring Pin
Goggles
Dual-Folding Brake Measuring Wheel
Safety Utility Vest
Safety Utility winter coat
Safety Utility hoodie
Utility Bags
Short Sleeve Reflective Polo Shirt
ABS Helmet
Tribrachs & Adapters
Adapters
Level Bubble

Reflective Tape
Prism Assembly
360° Prism
Mini Prism
L-Type Prism
Circular Prism
Rectangular Surveying Prism
Laser Rangefinder
Laser Target
Telescope
Steel Measuring Tape
Wooden Folding Ruler
Steel Measuring Tape
Software

ANKEENS MANUFACTURING

Ankeens is a dedicated manufacturer and supplier of high-quality accessories for the surveying industry. Specializing in instrument tripods, prism assemblies, survey poles, leveling rods, and mounting solutions, we focus on delivering durable and precision-engineered products tailored for professional use.

As a modern company, Ankeens combines advanced manufacturing technology with a deep understanding of industry needs. Our in-house production ensures strict quality control at every stage, allowing us to provide reliable, field-tested accessories that meet global standards. We are committed to innovation, efficiency, and delivering exceptional value to our customers.

Ankeens products are trusted by surveying professionals worldwide, and our extensive dealer network ensures seamless access to our solutions. As a China-based supplier, we offer a perfect balance of quality and cost-effectiveness, making us the ideal partner for companies seeking dependable surveying accessories.

Explore our product range at www.ankeens.com and connect with us on Twitter, Facebook, and LinkedIn for the latest updates. Ankeens—your trusted partner in precision surveying accessories.





Powerful functions

Enjoy the powerful functions, including tilt survey, CAD, line stakeout, road stakeout, GIS data collection, COGO calculation, QR code scanning, FTP transmission, etc.

Easy-to-use UI

Freely choose the desired display style, including list, grid and customized style, and enjoy easy operations with graphic interaction, including COGO calculation, QR code scanning, FTP transmission, etc.

Compatible with any Android devices

Use it in all Android devices, including eSurvey handhelds, Android phones, tablets and other third-party Android devices.

Abundant import and export formats

Directly import and export files with frequently used formats and customized formats.

Based on the Android platform, SurPad 4.2 is designed for assisting professionals to work efficiently for all types of land surveying and road engineering projects in the field. Combining with the international mainstream of surveying and mapping data acquisition function, it integrates with professional receiver control, point collection, stakeout, GIS data collection, road measurement, road design, cross section measurement and railway stakeout.

Permanent activation code (License) Surpad 4.2 for Android.

Compatible with Multiple Brands and Models of GNSS receivers and Total Stations manufacturers, both robotic and conventional.

More info: <https://www.ankeens.com/software>

Basic Information	
Platform	Android
Update	Online update
Activation	Online activation
Communication	
Bluetooth	Support
Wi-Fi	Support
Serial port	Support
Simulation	Support customized coordinate
Map Function	
Online	- Google street map¹ - Google satellite map¹ - Open street map
Offline	SHP, DXF, DWG, XML
Coordinate System	
Predefined	Large number of coordinate systems
Localization	Four parameters, seven parameters
Geoid files	GGF, SGF, UGF, customized EDS
Grid files	GSB, customized GDS
Sharing function	Share with QR code or save locally
RTCM1021-1027	Support
Grid to ground	Support
Import & Export	
Export	CSV, DAT, DXF, KML, GPX, HTML....
Import	CSV, DAT, TXT, DXF, KML....
Survey Mode	
Point type	- Topo point - Control point - Quick point - Auto point by time/distance - Corner point - Tilt point - Stop and go
CAD entity	Line, polyline, rectangle, polygon, circle, arc, spline
GIS Function	Support

1.The google service is required.

CAD Function	
CAD format	DXF, DWG, XML
CAD drawing	Support
CAD calculation	Angle, distance and area
COGO	
COGO function	- Coordinate inverse calculation - Point line calculation - Vector - Two lines angle - Intersection calculation - Resection - Forward intersection - Coordinate positive calculation - Offset point calculation - Equal point calculation
Stakeout	
Stakeout target	Point, line, road, cross section
Stakeout reference	North or forward direction
Voice	Support voice prompt
Language	
Software language	- English - Simplified Chinese - Traditional Chinese - Portuguese - Korean - Polish - Spanish - Turkish - Russian - Italian - Japanese - Magyar - Swedish - Serbian - Greek - French - Bulgarian - Slovak - Czech - Finnish - German - Lithuanian - Vietnamese - Norwegian ...

Tripod



FEATURES

- Material: Plastic + Aluminum Alloy
 - Full Length: 158CM (Small) / 162CM (Large)
 - Collapsed Length: 93CM (Small) / 100CM (Large)
 - Diameter: 12CM (Small) / 15CM (Large)
 - Net Weight: 3.0KG
 - Compatible with: 90% of commercial leveling instruments (5/8")
-
- Wooden Tripod (Small-left)
 - Application: Suitable for leveling instruments and theodolites
 - Interface: Universal 5/8" / M16
 - Board Width: 7.5 cm
 - Height: 160 cm
 - Weight: 3.3 kg
-
- Wooden Tripod (Large-right)
 - Application: Suitable for theodolites and total stations
 - Interface: Universal 5/8" / M16
 - Board Width: 10.4 cm
 - Height: 160 cm
 - Weight: 5 kg

Mini Tripod

FEATURES



Model	Length (cm)	Width (cm)	Height (cm)	Volume (cm³)	Weight (g)
Mini Precision Aluminum Alloy Tripod	18.50	10	35	6475	190
1.0m Precision Aluminum Alloy Tripod	40	10	105	42000	360
1.3m Precision Aluminum Alloy Tripod	47	10	50	23500	445
1.6m Precision Aluminum Alloy Tripod	57	10	60	34200	500
1.0m Wooden Tripod	Consult	Consult	Consult	Consult	400
1.2m Wooden Tripod	Consult	Consult	Consult	Consult	450
1.5m Wooden Tripod	Consult	Consult	Consult	Consult	550

Lifting tripod

3.3M



4.3M



5M



FEATURES

➤ 3.3M Adjustable Lifting Frame

Retracted Height: 130 cm

Extended Height: 336 cm

Net Weight: 6.85 kg

Plate Width: 81 cm

Pipe Diameter: 75 cm

Inner Pipe: 99 cm

Outer Pipe: 98 cm

➤ 4M Adjustable Lifting Frame

Retracted Height: 170 cm

Extended Height: 400 cm

Net Weight: 9 kg

Plate Width: 81 cm

Pipe Diameter: 75 cm

Inner Pipe: 99 cm

Outer Pipe: 140 cm

➤ 5M Adjustable Lifting Frame

Retracted Height: 220 cm

Extended Height: 500 cm

Net Weight: 10 kg

Plate Width: 81 cm

Pipe Diameter: 75 cm

Inner Pipe: 99 cm

Outer Pipe: 190 cm

Lifting tripod



➤ 40cm Precision Lifting Frame

Material: Aluminum Alloy

Retracted Height: 28 cm

Extended Height: 45 cm

Stroke Height: 14 cm

Support Height: 35 cm

Lifting Range: 28-45 cm



➤ 120cm Precision Lifting Frame

Material: Aluminum Alloy

Retracted Height: 47 cm

Extended Height: 120 cm

Stroke Height: 33 cm

Support Height: 95 cm

Lifting Range: 47-120 cm



➤ 100cm Precision Lifting Frame

Material: Aluminum Alloy

Retracted Height: 42 cm

Extended Height: 100 cm

Stroke Height: 26 cm

Support Height: 77 cm

Lifting Range: 42-100 cm



➤ 150cm Precision Lifting Frame

Material: Aluminum Alloy

Retracted Height: 57 cm

Extended Height: 150 cm

Stroke Height: 33 cm

Support Height: 120 cm

Lifting Range: 57-150 cm

Lifting tripod



FEATURES

Newly Upgraded

Aerospace Aluminum Tripod

Thickened Hexagonal Tube for Stable and Durable Load-Bearing

Portable and High-Quality Tripod for Easy Use

➤ 1.2 Meter Lifting Platform
Lifting Range [47-122 cm]
Retracted Length: [47cm]
Extended Length: [122cm]

➤ 1.6 Meter Lifting Platform
Lifting Range [47-122 cm]
Retracted Length: [59.3cm]
Extended Length: [160.8cm]

➤ 1.8 Meter Lifting Platform
Lifting Range [47-122 cm]
Retracted Length: [64.3cm]
Extended Length: [180.8cm]

Mini Rover Rods

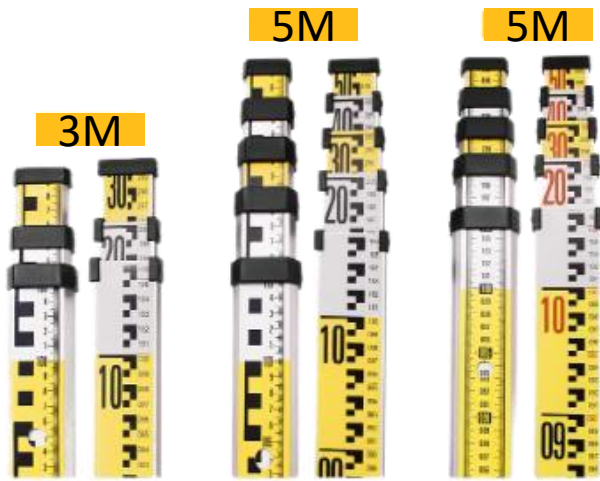


FEATURES

Extended Length (mm)	Collapsed Length (mm)	Tube Wall Thickness (mm)	Aperture Diameter (mm)	Net Weight (kg)
510	161	1.5	25	2.4
310	136	1.5	25	1.8
230	128	1.5	25	1.4

- Thickened
- Versatile
- High Performance
- Drop-resistant and Durable

Aluminum Builders Rods



FEATURES

Product Name	3M Thickened Frame	5M Thickened Frame	5M Heavy Duty Frame	7M Heavy Duty Frame
Product Length	3M	5M	5M	7M
Product Width	1.14M	1.21M	1.2M	1.68M
Product Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Product Weight	0.55 kg	1.2 kg	1.6 kg	2.4 kg
Size	4.4 cm	5.2 cm	5.2 cm	5.2 cm
Aluminum Thickness	0.8 mm	0.8 mm	1 mm	1 mm

Aluminum Builders Rods



FEATURES

- Specifications:
- Fast and stable foot pedal or push-to-close system installation
- Firm and stable support
- Fast steel or alloy lifting platform
- Platform size: 5/8" x 11 thread, can connect to various devices
- Adjustable lifting range: 70-336 cm (5 sections)
- Net Weight: 1.8 kg
- Gross Weight: 2.1 kg
- Packaging Size: 76 x 15 x 14 cm

5/8" Threaded Interface

Compatible with any instrument with a 5/8" interface, and the height can be adjusted at any time.

Also available with 1/4" Threaded Interface

Compatible with any instrument with a 1/4" interface.



Aluminum Telescopic Pole



FEATURES

- 2.8-Meter Aluminum Telescopic Pole

Product Name: Multi-function Telescopic Pole

Product Dimensions: 1181212

Working Distance: 1.15~2.8M

Material: Aluminum

Net Weight: 1480G

Color: Yellow

- Precision Scale Lines Reduce Errors
- Multi-function Pan-Tilt Fine Adjustment
- Universal Top Plate Support
360° rotating ABS support top plate, slip-resistant and wear-resistant
- Rotating Extension for Lengthening
- Rubber-coated Base Slip-resistant and Wear-resistant

Pole & Bipod



FEATURES

- Length Range: From 56 cm to 185 cm
- Weight Range: From 1200 g to 5200 g
- Materials: Includes natural color coating, red-white coating, yellow coating, insulated materials, carbon fiber, etc.
- Colors: Includes red-white, yellow, natural color, etc.

Reinforced Frame - Stable, Tight, Accurate

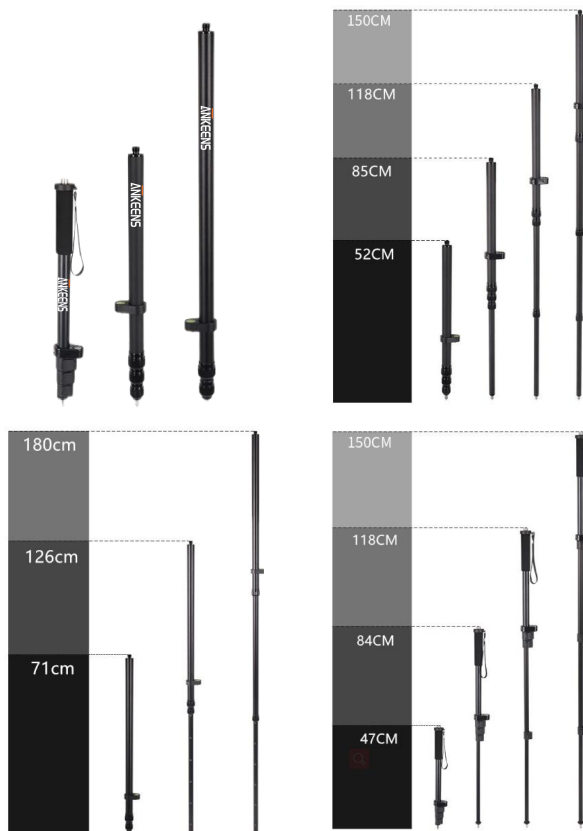
Applicable for various models

Welding feet

Compression type retraction

Adjustable height

Portable telescopic pole



FEATURES

Specification	Length (cm)	Width (cm)	Height (cm)	Volume (cm ³)	Weight (g)
1.5m Adjustable Lifting Frame	8	8	50	3200	450
1.5m Adjustable Lifting Frame	8	8	55	3520	550
1.8m Adjustable Lifting Frame	8	8	75	4800	800

4-section carbon fiber centering rod



FEATURES

- Product Color: Black
- Pole Length: 2-Meter Four-Section Carbon Pole

Built-in Spirit Level for Easy Operation/Leveling

High concentricity of the pole body, high-precision spirit level, ensuring accurate measurement.

Freely Connectable Poles

Extension rod



FEATURES

- Product Material: Aluminum Alloy
- Product Description: GPS/RTK Extension Rod, Pole Extension, Prism Pole, Surveying Accessories, Grafting Rod.
- Specifications: 10/15/20/25/30/40/50/60/100(CM)
- Overall Dimensions (LWH) (mm): Diameter 25mm, 5/8 Threaded Connector.

4-section carbon fiber centering rod



Specification	Measurement Range	Material
SJR10: Height 75-120cm	Height 75-120cm	Steel
TP-PP: Height 75-120cm	Height 75-120cm	Steel
TP-MP: Height 62-88cm	Height 62-88cm	Steel
TP-FP: Height 80-124cm	Height 80-124cm	Steel
TP-CP: Height 40-60cm	Height 40-60cm	Steel



TP-PP



TP-MP



TP-FP



TP-CP

Adjustable Universal Pole



FEATURES

- Weight: 1.65KG
- Number of Sections: 6
- Material: Aluminum Alloy + Plastic
- Features: Sturdy and Durable
- height: 240CM/300CM/360CM/420CM

Composed of 4 freely connectable sections
Easily adjust the height as needed

Red and White Centering Pole



FEATURES

- Product Model: Quick Lock / Twist Lock
- Product Name: Red-White Telescopic Pole
- Pole Length: 2 / 2.5 / 2.8 / 3.6 / 4.6 / 5.2 meters
- Material: Aluminum alloy
- Universal Standard Interface, Detachable
High-quality materials, smooth lines, resistant to deformation and discoloration.
- Standard interface, Thickened pole body, lightweight, stable, and not easy to tip over.

Mini Rover Rods



FEATURES

- Thickened Pole Body
- Stable · Drop-resistant · Accurate
- Compatible with All Models: RTK/Leica/Prism
- Coated Tapered Tip
- Press-to-Extend Mechanism
- Adjustable Height: 10 cm – 120 cm

Claw Cradles



F7MJMH5S88M

FEATURES

- All-Metal Screw Rod
- Made of metal for better contact and enhanced durability
- Equipped with Guide Pin
- Helps locate points faster, ensuring you never lose direction
- Multiple Specifications Available
- Compatible with all brand models, offering wide application

Carbon Fiber Rover Rods



Model	Measurement Height	Measurement Accuracy	Product Type	Overall Dimensions (L×W×H) (mm)
2.2m Wooden Calibration Pole	2.2m	±1mm	Centered Pole	130×10×7cm
2.5m Wooden Calibration Pole	2.5m	±1mm	Centered Pole	143×10×7cm
2m Carbon Fiber Calibration Pole	2m	±1mm	Centered Pole	102×10×7cm
1.8m Carbon Fiber Calibration Pole	1.8m	±1mm	Centered Pole	56×11×8cm
2m Carbon Fiber Calibration Pole	2m	±1mm	Centered Pole	56×11×8cm

Centering Rod Tip

FEATURES



Galvanized Iron



Stainless Steel



Stainless Steel



Carbon Steel (Galvanized)



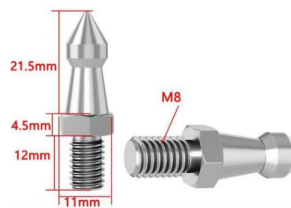
Stainless Steel



Stainless Steel



Name: 3/8-16 Threaded Foot Screw
Material: Stainless Steel
Weight: 16g



Name: M8 Threaded Foot Screw
Material: Stainless Steel
Weight: 14.7g



Name: 1/4-20 Threaded Foot Screw
Material: Stainless Steel
Weight: 14.7g



Stainless Steel

Measuring Pin



(10 pieces per set)

FEATURES

Parameter	Details
Name	Measuring Pin
Application	Settlement Observation
Material	Galvanized Steel, Zinc-plated Steel
Surface Treatment	Electro-galvanized, Color-plated Zinc
Length Options	3 cm / 5 cm / 7 cm / 8 cm / 10 cm
Rod Diameter	8.8 mm

- This product undergoes carburizing and quenching treatment, significantly enhancing the hardness of the measuring pin while maintaining the toughness of low-carbon steel. During use, it is not easily bent or broken, improving work efficiency and reducing material waste.
- The outer layer is treated with zinc-plated coating, providing superior corrosion resistance compared to standard galvanized coatings.



Stainless Steel Cross (10 pieces per set)

Goggles



Features

- Anti-glare / Comfortable / Non-irritating to Eyes
- Full-spectrum protection: Red / Green / Blue / Infrared
- Filters strong light
- High-temperature resistant
- prevents debris from flying

Dual-Folding Brake Measuring Wheel



PRO-01

FEATURES

- Material: ABS + TPR
- Measurement Range: 0 - 9999.9M
- Measurement Accuracy: $\pm 5\text{mm}$
- Dust & Splash Protection: IP54
- Resolution/Scale Division: 0.1m
- Operating Temperature: $-10^{\circ}\text{C} \sim 45^{\circ}\text{C}$
- Minimum Display: 0.1m



PRO-02

- Dual Lock Button, Free Retraction
- One-button brake
- Dual-folding mechanism
- Anti-slip handle
- Aluminum alloy rod
- Anti-slip Handle, Convenient Button Control
- Textured anti-slip handle
- One-button data clearing
- One-button brake hold
- Vertical Pointer, More Accurate Measurements
- Vertical pointer
- Thickened wheel tread

Model	Pack Dimensions (cm)	QTY (pcs)	G.W./N.W. (kg)
Pro-1	52 × 35 × 43	3	9KG / 8KG
Pro-2	79 × 33 × 46.5	10	7KG / 6.5KG

Safety Utility Vest

FEATURES

Product	Code	Material	L (Chest/Length)	XL (Chest/Length)	XXL (Chest/Length)	XXXL (Chest/Length)	Softness	Thickness
Reflective Vest	D12	Knitted Fabric	116 / 68	120 / 68	124 / 68	128 / 68	Moderate	Moderate
Reflective Vest	D11	Double-layer Denim	114 / 60	122 / 62	128 / 64	132 / 69	Moderate	Moderate
Reflective Vest	D09	Fish Scale Mesh	114 / 57	120 / 60	128 / 63	132 / 69	Moderate	Moderate



- **Multi-Function Pocket**
Left side can hold pens, Velcro closure prevents items from falling.
- **Three-Dimensional Large Pocket**
Zippered pocket for convenience, reflective strips enhance both safety and aesthetics.
- **Radio Holder Pocket**
Can hold name tags, work IDs, etc.
- **Custom Zipper**
Smooth sliding, sturdy and durable.

Safety Utility Winter Coat



- Warmth retention, water resistance, and thickened inner layer

Type	Fabric	Color	Reflective Color	Size
Jacket	Denim Fabric	Fluorescent Green & Fluorescent Orange	White	L
Jacket	Denim Fabric	Fluorescent Green & Fluorescent Orange	White	XL
Jacket	Denim Fabric	Fluorescent Green & Fluorescent Orange	White	XXL
Jacket	Denim Fabric	Fluorescent Green & Fluorescent Orange	White	XXXL
Jacket	Denim Fabric	Fluorescent Green & Fluorescent Orange	White	XXXXL

Safety Utility Hoodie



FEATURES

- Fabric: 280G Anti-pilling Fleece
- Reflective Strip: 5CM Wide High-Brightness Synthetic Fiber R380
- Colors: Fluorescent Yellow / Fluorescent Orange / Yellow with Navy / Orange with Navy / Navy / Black
- Sizes: S - 3XL (European and American Sizing)
- Compliance Standards:
 - European Standard: EN ISO 20471 CLASS 2 (Yellow/Orange)
 - American Standard: ANSI/ISEA 107-2020
 - Chinese Standard: GB 20653-2020
 - Australian Standard: AS/NZS 4602
- Garment Weight: 0.7KG/piece
- Packing: 20 pieces/box
- Carton Dimensions: 60cm * 40cm * 44cm
- Gross Weight per Carton: 15KG/box (slight variation depending on size)

Utility Bags



FEATURES

- Fabric Material: 600D Oxford Fabric / Color-matched PVC
- Reflective Strip Material: Bright Silver TC Reflective Strip
- Packaging Method: Single Color and Size, 20 pieces/box
- Carton Dimensions: 604034
- Weight per Piece: 0.76KG
- Gross Weight per Carton: 17KG

This fluorescent bright waterproof rucksack is designed for both work and leisure use. Made of 6000 waterproof polyester; one main compartment with inside separation; internal pocket for MP3/iPod with rubber outlet for earphones; 2 side mesh pockets; front expandable pocket to fit a standard ball/helmet; webbed carrying handle; adjustable padded shoulder straps; 25mm reflective strips on three sides.

Short Sleeve Reflective Polo Shirt



FEATURES

- Fabric:
200G Fully Coated Pique Mesh (Yellow/Orange)
130G Fully Coated Birdseye Fabric (Navy/Black)
- Reflective Strip: 5CM Wide High-Brightness Synthetic Fiber R380
- Colors: Fluorescent Yellow / Fluorescent Orange / Navy / Black
- Sizes: S-3XL (European and American Sizing)
- Compliance Standards:
European Standard: EN ISO 20471 CLASS 2 (Yellow/Orange)
American Standard: ANSI/ISEA 107-2020
Chinese Standard: GB 20653-2020
Australian Standard: AS/NZS 4602
Garment Weight: 0.35KG/piece
- Packing: 50 pieces/box
- Carton Dimensions: 60cm * 40cm * 28cm
- Gross Weight per Carton: 18KG/box (slight variation depending on size)

ABS Helmet



FEATURES

- PP+PE 8-Point Buffer Cap Liner Enhanced Shock Absorption for Safety
- Gap Between Shell and Liner:
Approximately 25-50MM, ensuring that when an object impacts the helmet, the shell does not deform and directly affect the head.
- One-Piece Molded Thickened Fiberglass Material

The shell features a classic semi-circular design, transforming impact points into impact surfaces. The liner buffer reduces over 2/3 of the force, preventing stress concentration at any single point on the shell and reducing force per unit area, truly protecting head safety.

Tribrachs & Adapters



- Total Station Base GDF21
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black



- Laser Tribrach FDJ01L Black
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black



- Black Tribrach FDJ01D
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black



- Yellow FDJ01D + FG01X Non-Rotatable
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black



- Rotatable FDJ01D + FG01H
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black

Tribrachs & Adapters



- RTK/GPS Dedicated Combination Base Yellow
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black



- Yellow Tribrach Connector FDC01D
- Base Yellow
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black/gray



- New RTK/GPS Static Base
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black



- Yellow Screw Tribrach FDJ01 + FDC01D
- Base Yellow
- Material:Aluminum
- Distance Measurement Range:5000m
- Angle Measurement Accuracy:0.5
- Overall Dimensions (LWH) (mm):150*150*10
- color: yellow/black/gray

Adapters



- Model: AD-S01
- Material: Aluminum
- Dual 5/8-11 Connectors
- Weight: 0.02 KG



- Model: AD-S05
- Material: Copper
- M8 to 5/8-11 Adapter
- Weight: 0.08 KG



- Model: AD-A45
- Material: Aluminum
- 5/8-11 Connector, 45mm Long
- Weight: 0.04 KG



- Model: AD-S02
- Material: Stainless Steel
- M8 to 5/8-11 Adapter
- Weight: 0.02 KG



- Model: WA-40
- M8 Extension Adapter, 40mm Long
- Weight: 0.02 KG



- Model: AD-A50
- Material: Aluminum
- 5/8-11 Connector, 50mm Long
- Weight: 0.04 KG



- Model: AD-S03
- Material: Stainless Steel
- M8 to 3/8-19 Adapter
- Weight: 0.02 KG



- Model: AD-A30
- Material: Aluminum
- 5/8-11 Connector, 30mm Long
- Weight: 0.03 KG



- Model: AD-A100
- Material: Aluminum
- 5/8-11 Connector, 100mm Long
- Weight: 0.1 KG



- Model: AD-S04
- Material: Stainless Steel
- M8 to 5/8-11 Adapter
- Weight: 0.08 KG



- Model: AD-A35
- Material: Aluminum
- 5/8-11 Connector, 35mm Long
- Weight: 0.03 KG



- Model: AD-B15
- Material: Aluminum
- Dual 5/8-11 Connector, 15mm Long
- Weight: 0.03 KG

Adapters



- Model: AD-B35
- Material: Aluminum
- Dual 5/8-11 Connector, 35mm Long
- Weight: 0.05 KG



- Model: AD-C50
- Material: Aluminum
- M8 to 5/8-11 Adapter, 50mm Long
- Weight: 0.11 KG



- Model: AD-E04
- Material: Aluminum
- 5/8-11 Connector, 30mm Long
- Weight: 0.03 KG



- Model: AD-B50
- Material: Aluminum
- Dual 5/8-11 Connector, 50mm Long
- Weight: 0.07 KG



- Model: AD-E01
- Material: Aluminum
- 5/8-11 to 1/4-20 Adapter, 18.5mm Long
- Weight: 0.01 KG



- Model: AD-E05
- Material: Aluminum
- 5/8-11 Connector, 24mm Long
- Weight: 0.03 KG



- Model: AD-B80
- Material: Aluminum
- Dual 5/8-11 Connector, 80mm Long
- Weight: 0.11 KG



- Model: AD-E02
- Material: Aluminum
- 5/8-11 Connector, 20mm Long
- Weight: 0.03 KG



- Model: QRA01B
- Material: Aluminum
- Quick Release Adapter, 76mm Long
- Weight: 0.09 KG



- Model: AD-B100
- Material: Aluminum
- Dual 5/8-11 Connector, 100mm Long
- Weight: 0.14 KG



- Model: AD-E03
- Material: Stainless Steel
- 5/8-11 Connector, 22mm Long
- Weight: 0.06 KG



- Model: QRA02
- 5/8-11 Quick Release Adapter, 40mm Long
- Weight: 0.1 KG

Adapters



- Model: MPA01
- Quick-Release Adapter 5/8-11
- Weight: 0.02KG



- Model: AD-L01
- Quick-Release Adapter M10 (Stainless Steel)
- Weight: 0.05KG



- Model: AD-L05
- Quick-Release Adapter 5/8-11 (Stainless Steel)
- Weight: 0.04KG



- Model: MPA02
- Quick-Release Adapter 3/8-19
- Weight: 0.02KG



- Model: AD-L02
- Quick-Release Adapter 1/4-20 (Stainless Steel)
- Weight: 0.03KG



- Model: AD-L06
- Quick-Release Adapter M8 (Stainless Steel Knurled Nut)
- Weight: 0.07KG



- Model: MPA03
- Quick-Release Adapter M8
- Weight: 0.02KG



- Model: AD-L03
- Quick-Release Adapter M8 (Stainless Steel)
- Weight: 0.04KG



- Model: AD-L07
- Quick-Release Adapter M8 (Brass Knurled Nut)
- Weight: 0.07KG



- Model: MPA04
- Quick-Release Base Adapter
- Weight: 0.02KG



- Model: AD-L04
- Quick-Release Adapter 3/8-24 (Stainless Steel)
- Weight: 0.04KG



- Model: AD-L08
- Quick-Release Adapter 5/8-11 (Aluminum)
- Weight: 0.03KG

Adapters



- Model: AD-L09
- Quick-Release Adapter 5/8-11 (Stainless Steel)
- Weight: 0.09KG



- Model: PPA04
- Quick-Release Adapter M12 (Aluminum)
- Weight: 0.02KG



- Model: AD-L10
- Quick-Release Adapter M8 (Stainless Steel)
- Weight: 0.02KG



- Model: GAD103
- Direct Plug Connector



- Model: AD-D64
- Quick-Release Extended Adapter 5/8-11 (Aluminum)
- Weight: 0.08KG



- Model: GAD105
- 5/8-11 to 1/4 Adapter



- Model: QRA01A
- Quick-Release Fast Connector (Aluminum)
- Weight: 0.09KG



- Model: GAD31
- Quick-Release Adapter 5/8-11

Adapters



- Model: AD-E03
- Material: Stainless Steel
- 5/8-11 Connector, 22mm Long
- Weight: 0.06 KG



- Model: QRA02
- 5/8-11 Quick Release Adapter, 40mm Long
- Weight: 0.1 KG



- Model: LLA04
- 5/8-11 to 5/8-11 Angled Adapter
- Weight: 0.03 KG



- Model: AD-E04
- Material: Aluminum
- 5/8-11 Connector, 30mm Long
- Weight: 0.03 KG



- Model: LLA01
- 1/4-20 to 5/8-11 Adapter
- Weight: 0.01 KG



- Model: LLA05
- 5/8-11 to 1/4-20 Adapter
- Weight: 0.01 KG



- Model: AD-E05
- Material: Aluminum
- 5/8-11 Connector, 24mm Long
- Weight: 0.03 KG



- Model: LLA02
- 5/8-11 to 1/4-20 Adapter
- Weight: 0.01 KG



- Model: BC-01



- Model: QRA01B
- Material: Aluminum
- Quick Release Adapter, 76mm Long
- Weight: 0.09 KG



- Model: LLA03
- 5/8-11 to 1/4-20 Adapter
- Weight: 0.02 KG



- Model: CB-A22250
- Leica Rebar Embedment Rod, 25cm
- Weight: 0.67 KG

Adapters



- Model: CB-B22250
- M8 Interface Rebar Embedment Rod, 25cm
- Weight: 0.9 KG



- Model: QRA04
- Quick Release Adapter



- Model: CB-C22250
- 5/8 Interface Rebar Embedment Rod, 25cm
- Weight: 0.7 KG



- Model: CB-D22250
- 3/8 Interface Rebar Embedment Rod, 25cm
- Weight: 0.61 KG

Tribrach Adapter

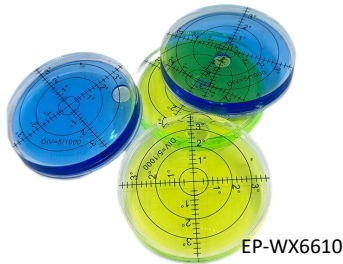


Specification	Length (cm)	Width (cm)	Height (cm)	Volume (cm ³)	Weight (g)
FG01 Yellow	10.50	10	7	735	500
FG01 Black	10.50	10	7	735	500

Level Bubble



EP-WX3207



EP-WX6610

FEATURES

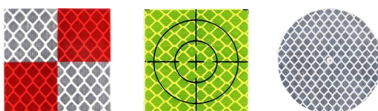
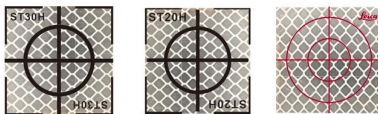
Specification	Measurement Range	Material	Product Type	Measurement Accuracy	Overall Dimensions (LWH) (mm)
Diameter 32×7MM White Water Level	Horizontal	ABS/Plastic	Engraved Spirit Level	±0.20 mm	30
Diameter 32×12MM White Water Level	Horizontal	ABS/Plastic	Engraved Spirit Level	±0.2 mm	30
Diameter 32×7MM Green Water Level	Horizontal	ABS/Plastic	Engraved Spirit Level	±0.200 mm	30
Diameter 32×12MM Green Water Level	Horizontal	ABS/Plastic	Engraved Spirit Level	±0.2000 mm	30
Diameter 32×7MM Blue Water Level	Horizontal	ABS/Plastic	Engraved Spirit Level	±0.20000 mm	30
Diameter 32×12MM Blue Water Level	Horizontal	ABS/Plastic	Engraved Spirit Level	±0.200000 mm	30

FEATURES

- Primary Use: Balance Adjustment
- Material: ABS + PMMA + Eco-Friendly Solvent Oil
- Design Options: Green Liquid with Black Line / Blue Liquid with Black Line
- Dimensions: Diameter 66mm x Height 10mm

Reflective Tape

zy152



FEATURES

- Name: Total Station Reflector Sheet (Leica)
- Material: Reflective Film
- Length: 2cm / 3cm / 4cm / 5cm / 6cm (Customizable)
- Width: 2cm / 3cm / 4cm / 5cm / 6cm (Customizable)
- Thickness: 1mm
- Features: Easy to apply, precise, strong reflective performance, excellent weather resistance
- Color: White, Yellow (Customizable for bulk orders)

Characteristics: Compact, easy to install. When used in prism measurement mode, the measurement range can reach up to 250 meters. In prismless measurement mode, the range can extend up to 1300 meters.

Prism Assembly



- L-Shaped Reflector (with precision)
- Distance Measurement Range: 5000m
- Distance Measurement Range: 2-5 seconds
- Measurement Accuracy: 5 seconds



- ADS102
- Distance Measurement Range: 5000m
- Distance Measurement Range: 2-5 seconds
- Measurement Accuracy: 5 seconds



- 17.5mm Rod with Cloth Bag
- Distance Measurement Range: 5000m
- Distance Measurement Range: 2-5 seconds
- Measurement Accuracy: 5 seconds



- 0mm Rod with Cloth Bag
- Distance Measurement Range: 5000m
- Distance Measurement Range: 2-5 seconds
- Measurement Accuracy: 5 seconds



- 30mm Rod with Cloth Bag
- Distance Measurement Range: 5000m
- Distance Measurement Range: 2-5 seconds
- Measurement Accuracy: 5 seconds

Prism Assembly



- (Support Leica)17.5mm Rod with Cloth Bag
- Distance Measurement Range: 5000m
- Distance Measurement Range: 2-5 seconds
- Measurement Accuracy: 5 seconds
- size: 17.5mm/30mm/0mm

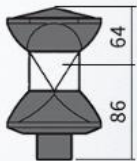


- ADS103 Suction Type Rod
- Distance Measurement Range: 5000m
- Distance Measurement Range: 2-5 seconds
- Measurement Accuracy: 5 seconds
- size: 17.5mm/30mm

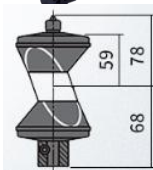
360° Prism



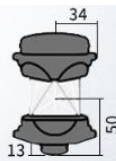
- Corner Cube Prisms (6 units)GRZ4: Reflective surface with copper coating. 5-second reflection accuracy.
- Plastic Prism Holders (2 units): Bottom LEICA standard interface.
- Packaging and Protection: Soft prism protection straps. Cylindrical soft case.



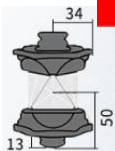
- Corner Cube Prisms (6 units)GRZ122: Reflective surface with copper coating. 5-second reflection accuracy.
- Plastic Prism Holders (2 units): Top 5/8-inch connector. Bottom LEICA standard interface.
- Packaging and Protection: Soft prism protection straps. Cylindrical soft case.



- 1-Inch Corner Cube Prisms (7 units): Aluminum coating. 5-second reflection accuracy.
- Plastic Prism Holders (2 units): Top with 5 mushroom head round bubble level. Bottom with 5/8-inch interface.
- Packaging and Protection: Soft prism protection straps. Cylindrical soft case.
- Additional Information: Additive constant: 2mm.



- Corner Cube Prisms (6 units)ATP1C: Reflective surface with copper coating. 5-second reflection accuracy.
- Plastic Prism Holders (2 units): Top 5/8-inch connector. Bottom LEICA standard interface.
- Packaging and Protection: Soft prism protection straps. Cylindrical soft case.



- ATP1:Corner Cube Prisms × 6 Reflective surface coated with aluminum. 5-second reflection accuracy
- Prism Holders × 2
- Removable Protective Covers × 2
- Packaging & Protection Soft prism protective strap Cylindrical soft case

7mm

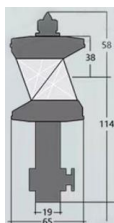
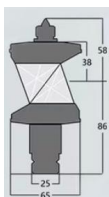


+29mm

- GRZ101S:Leica GRZ101S 360° Prism Set Supported by two metal prism mounts
- Upper mount: Equipped with a 1/4-inch male thread
- Lower mount: Equipped with a 1/4-inch female thread
- Metal Base with Circular Bubble Level
- Can be moved up and down along the prism pole
- 4 × 30cm Aluminum Prism Poles Compatible with GRZ101 and GMP111 series prisms
- Curved Hook Adapter Allows the prism to be inverted and hung



- GRZ4S:Corner Cube Prisms × 6 Reflective surface coated with copper. 5-second reflection accuracy
- Metal Prism Holders × 2 Top: 5/8-inch connector Bottom: 5/8-inch connector and interchangeable Leica mount
- Packaging & Protection Soft prism protective strap Cylindrical soft case



Mini Prism



FDC062



FDC064

Specification	Measurement Accuracy	Measurement Precision
FDC062 Small Reflector	2-5 seconds	5 seconds
FDC064 Small Reflector	2-5 seconds	5 seconds
FDC065 Small Reflector	2-5 seconds	5 seconds
FDC066 Small Reflector	2-5 seconds	5 seconds
FDC067 Small Reflector	2-5 seconds	5 seconds
FDC068 Small Reflector	2-5 seconds	5 seconds
FDC069 Small Reflector	2-5 seconds	5 seconds



FDC065



FDC066



FDC067



FDC068



FDC069

Prism



- AY01 Prism head(PA254)
- Glass surface diameter 25.4mm



- AY02 Prism head (PB254)
- Glass surface diameter 25.4mm



- AY03 Prism head (PB381 plastic case)
- Glass surface diameter 38.1mm

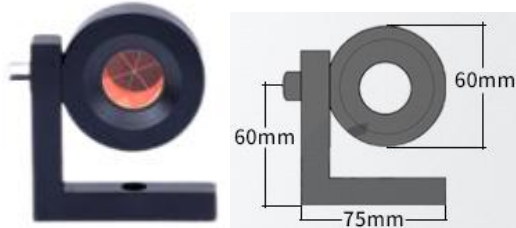


- MP108A
- Glass surface diameter 25.4mm



- MP108B
- Glass surface diameter 38.1mm

L-type Prism



FEATURES

- Specification:
Reflection Prism
- Measurement Range: 2000M
- Material: Aluminum/Glass
- Distance Measurement Range: 2000M
- Measurement Accuracy: 5 seconds
- Minimum Focus Distance: 2M

1-Inch Corner Cube Prism * 1

Sarcsec Accuracy

Copper Coated

L-Type Prism Bracket * 1

Aluminum Alloy

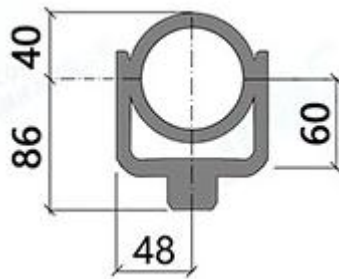
Stainless Steel Screw * 1



Circular Prism



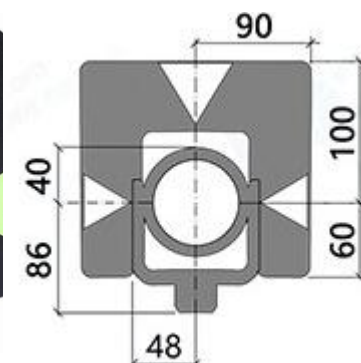
leica GPH1



- Product Includes:
- GPR1 Reflective Prism
- 5-second Accuracy
- Plastic Prism Housing
- Brass Mount
- GPH1 Prism Frame
- Plastic Frame
- Protection and Packaging: Soft Case

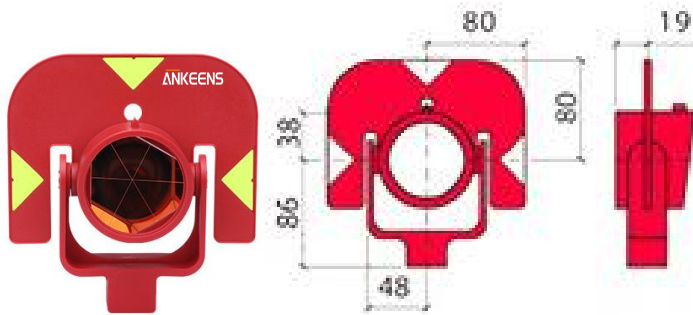


leica GPH1



- Product Includes:
- GPR1 Reflective Prism
- 5-Second Accuracy
- Plastic Prism Housing
- Brass Mount
- GPH1 + GZT4 Prism Frame
- Metal Target Plate
- Plastic Frame
- Protection and Packaging: Soft Case

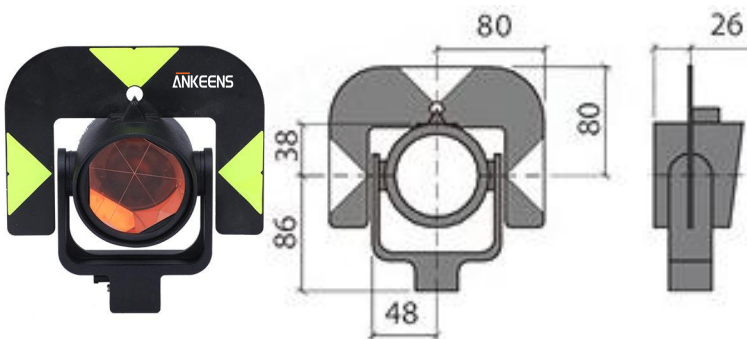
Circular Prism



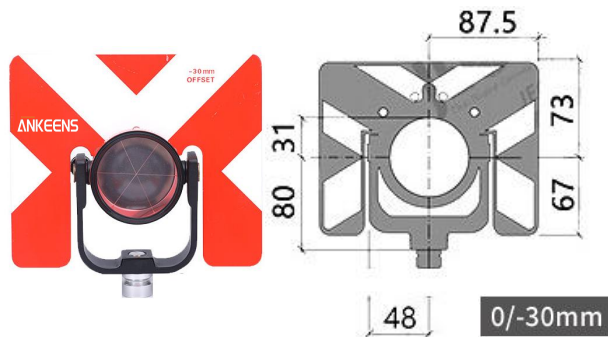
leica GPR111

FEATURES

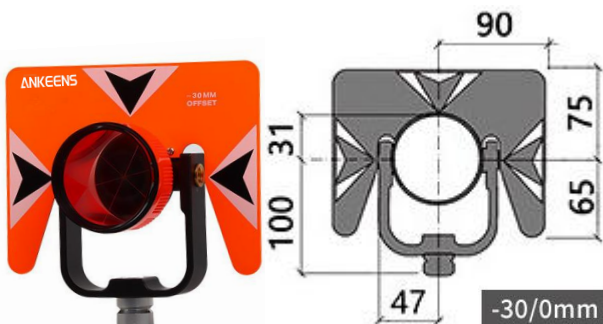
- Sealed Integrated Plastic Frame × 1
Includes one 5" precision brass Leica prism
- Packaged and transported in a red soft case



- Product Includes:
GPR1 High-Precision Reflective Prism
2-Second Accuracy
Incident Surface Coated with Enhanced Transmittance Film
Reflective Surface: Brass
Plastic Prism Housing
- GPR121 Prism Frame
Integrated Metal Prism Frame + Target Plate
Protection and Packaging: Soft Case

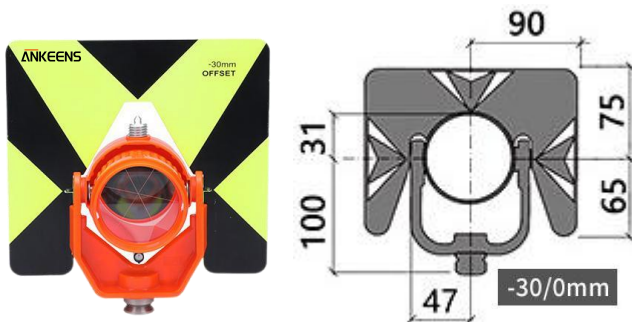


- The product includes:
Corner Cube Prism *1
8ARCSEC accuracy
- Integrated prism frame and target plate
Red plastic and metal prism frame
Red and white target plate
- Packaging
Soft case



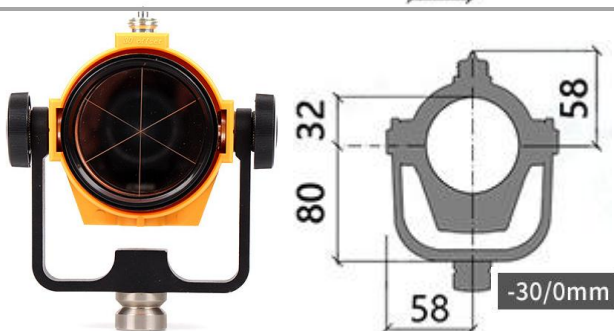
- The product includes:
NIKON Reflective Prism
5-second accuracy
Plastic prism housing
- NIKON prism frame
Integrated metal prism frame + target plate
- Protection and packaging
Soft case

Circular Prism

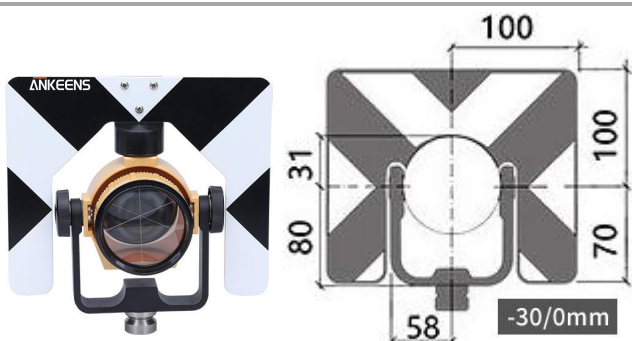


FEATURES

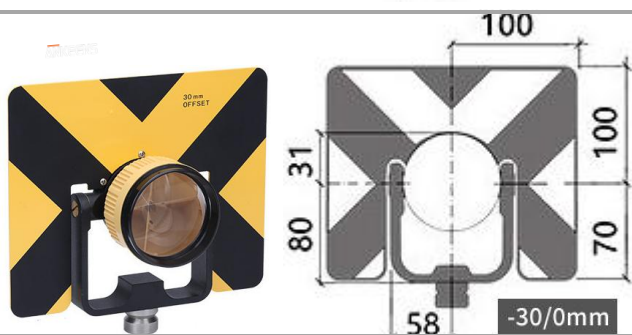
- SOKKIA Reflective Prism
- 5-second accuracy
- Plastic prism housing
- SOKKIA prism frame
- Integrated metal prism frame + target plate
- Protection and packaging
- Soft case



- TOPCON Reflective Prism
- 5-second accuracy
- Plastic prism housing
- TOPCON prism frame
- Plastic frame body
- Protection and packaging
- Soft case



- TOPCON Reflective Prism
- 5-second accuracy
- Plastic prism housing
- TOPCON prism frame
- Metal target plate
- Plastic frame body
- Protection and packaging
- Soft case



- TOPCON Reflective Prism
- 5-second accuracy
- Plastic prism housing
- TOPCON prism frame
- Integrated metal prism frame + target plate
- Protection and packaging
- Soft case



- TOPCON Reflective Prism
- 5-second accuracy
- Plastic prism housing
- TOPCON prism frame
- Integrated metal prism frame + target plate
- Protection and packaging
- Soft case

Prism



FEATURES

- Model: GPH3
- Dimensions: 23.8 × 6.3 cm
- Offset: +0 mm
- Diameter: Φ54.12 mm
- Application: Suitable for tunnel, subway, mine shafts, road inspections, and compatible with Leica measurement instruments.

Note: Manual measurement may have an error of 1-3 mm. Please refer to the actual product.

Rectangular Surveying Prism



FEATURES

- Model: Rectangular Surveying Prism
- Dimensions: Φ17.8 × H13.5 mm
- Angle: Composite prism angle < 5°
- Optical Quality: 60-40
- Application: Suitable for tunnel, subway, mine shafts, road inspections, and compatible with various surveying instruments.

Note: Manual measurement may have an error of 1-3 mm. Please refer to the actual product.

Laser Rangefinder



Features

Model	Power Supply	Material	Measurement Range (m)	Measurement Accuracy (mm)	Dimensions (LWH) (mm)
B40 (40m)	2 × AAA Batteries	ABS	0.05 - 100	±1.5	1
B60 (60m)	2 × AAA Batteries	ABS	0.05 - 100	±1.5	2
B80 (80m)	2 × AAA Batteries	ABS	0.05 - 100	±1.5	3
B100 (100m)	2 × AAA Batteries	ABS	0.05 - 100	±1.5	4

- Built-in bubble level
- Fast measurement
- Dust & water resistant
- 2.0-inch LCD display

- Measurement Range:

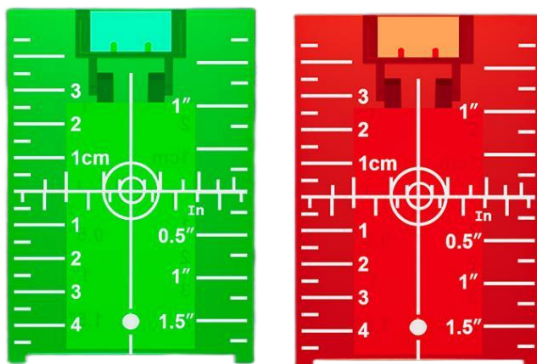
B40: 0.05 - 40m

B50: 0.05 - 60m

B80: 0.05 - 80m

B100: 0.05 - 100m

Laser Target



P1428

P1427

Features

Parameter	Details
Model	P1427 / P1428
Measurement Range	Default
Measurement Accuracy	Default
Power Supply	None
Material	ABS
Working Distance	Varies
Working Temperature	-10 to 50°C
Laser Type	Red Laser
Laser Category	Others
Emission Angle	±130°
Resolution/Deviation	Default
Charging	Other
Product Type	Spirit Level Scale
Overall Dimensions (LWH) mm	105 × 75 mm
Weight	46g
Working Time	Default

Telescope



99 Model (with scale)



60*60 Model (with scale)

FEATURES

- Model: 60*60 / 99 Model
- Magnification: 8×
- Eyepiece Diameter: 18 mm
- Objective Lens Diameter: 35 mm
- Prism Material: BAK4
- Field of View: 8°
- Product Dimensions: 14 × 18.4 × 5.5 cm
- Color Box Dimensions: 17 × 18.7 × 8 cm
- Coating: High-reflective coating + Wide-band red film
- Packaging Information: 20 units/carton, total weight 15.6 kg
- Carton Dimensions: 41.5 × 39 × 36 cm
- Net/Gross Weight per Unit: 564 g / 720 g



80*80 (with scale)



20*50 Peep Sight



20*50 Serrated Edge



20*50 Two-Finger Print



20*50 Leather Texture

FEATURES

- Model: 80*80
- Magnification: 10×
- Eyepiece Diameter: 18 mm
- Objective Lens Diameter: 50 mm
- Prism Material: BAK4
- Field of View: 8°
- Product Dimensions: 17.8 × 19.8 × 6.5 cm
- Color Box Dimensions: 20.5 × 20 × 8 cm
- Coating: High-reflective coating + Wide-band red film
- Packaging Information: 20 units/carton, total weight 19.5 kg
- Carton Dimensions: 42 × 42 × 43 cm
- Net/Gross Weight per Unit: 695 g / 868 g

Steel Measuring Tape

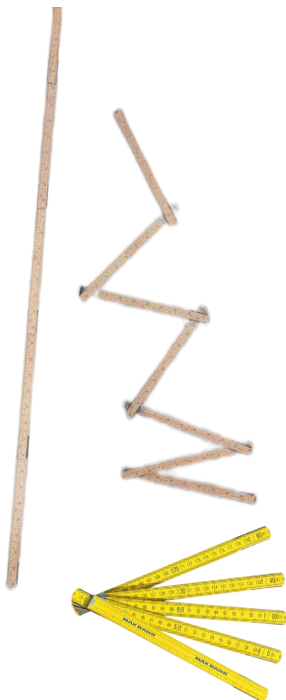


FEATURES

Belt Specification	Height (mm)	Width (mm)	Thickness (mm)	Weight (g)
3mx16mm	65	70	25	125
5mx19mm	70	80	30	200
5mx25mm	70	80	40	260
7.5mx25mm	80	90	40	380
10mx25mm	90	100	40	440

- High Precision Stainless Steel Tape Measure
Features: Anti-corrosion tape, precise scale, packable tape.
- Full Position Nickel-Plated Coating
Features: Waterproof, anti-corrosion, anti-pollution, anti-glare.
- Self-locking Tape Measure
Features: Automatically locks when extended, press the button to retract.
- ABS Soft Plastic Coating
Features: Comfortable hand feel, double protection, wear-resistant.
- High Flexibility and Strength
Features: Bendable but not easy to break, won't hurt your hands when twisted.

Wooden Folding Ruler



FEATURES

- Model: 2m * 10 fold color measuring tape
- Material: Beechwood
- Connection Type: Spring connection
- Packaging: 10 units per inner box, 100 units per outer box
- Outer Box Dimensions: 45.5 * 25.5 * 21 cm
- Gross Weight: 12/11 kg

Model	Length (cm)	Width (cm)	Height (cm)	Volume (cm ³)	Weight (g)
2m * 10 Fold	24.50	3.30	1.60	129,360	105

Steel Measuring Tape



- Universal Single-Lock Level Box (Red)
- Model: HC-AL01 Red
- $28.5 \times 19 \times 19$ cm



- Universal Double-Lock Level Box (Yellow)
- Model: HC-AL02 Yellow
- $32.5 \times 21 \times 20$ cm



- Universal Single-Lock Level Box (Yellow)
- Model: HC-AL01 Yellow
- $28.5 \times 19 \times 19$ cm



- Universal Theodolite Box
- Model: HC-TH01
- $40 \times 22 \times 31.5$ cm



- Universal Double-Lock Level Box (Red)
- Model: HC-AL02 Red
- $32.5 \times 21 \times 20$ cm



- Universal Total Station Box
- Model: HC-TS01
- $40.2 \times 22 \times 32.3$ cm

Steel Measuring Tape



- Nikon (NIKON) Total Station Box
- Model: HC-TS02
- 45.9*26*35.5cm



- Leica TS02/06/09 Instrument Box
- Model: HC-TS06
- 47*26*36cm



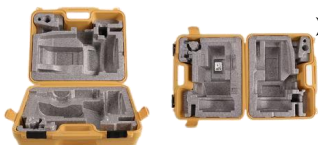
- Topcon GTS102/332 Total Station Box
- Model: HC-TS03
- 68.5*23*37cm



- Leica TS03/07 TZ05/07/08/12 Instrument Box
- Model: HC-TS07
- 53*27*38cm



- Topcon GM/ES/GT Total Station Box
- Model: HC-TS04
- 43*25*35.7cm



- Leica TS15/16 Instrument Box
- Model: HC-TS15
- 53*27*38cm



Steel Measuring Tape



- Leica TM30/50 Instrument Box
- Model: HC-TM30
- 33*37.2*47cm



- Single Prism Set Box (Red)
- Model: HC-PS01 Red
- 40.2*22*31.5cm



- Single Prism Set Box (Yellow)
- Model: HC-PS01 Yellow
- 40.2*22*31.5cm



- Dual Prism Set Box
- Model: HC-PS02
- 41*21*33cm





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