GEODEX 中地测绘

TECHNICAL SPECIFICATIONS:

MODEL	GET-122CR6	GET-122CR	
Telescope			
Magnification/Resolving power	30×/ 3.5 "		
Others	Objective aperture: 45mm (1.8in.)(50mm(1.9in.)for EDM),		
	Image: Erect, Field of view: 1°30 ', Minimum focus: 1.5m		
Angle Measurement			
Measuring method	Absolute encode		
Minimum reading	1 "	1 "	
Detection method	Horizontal: Dual Vertical: Dual		
Accuracy	2 "		
Distance Measurement			
Measuring Range	5km (prism); 650m (reflectorless)	5km (prism); 350m (reflectorless)	
Accuracy	Reflectorless: ± (5mm + 3ppm·D) Reflector: ± (2mm + 2ppm·D)		
Measuring time	Fine mode: < 1S; Tracking mode: < 0	Fine mode: < 1S; Tracking mode: < 0.6s	
Display			
Uint	m/ft	m/ft	
Atmospheric correction	Auto correction, manual input		
Atmosphericrefraction and	Auto correction, manual input		
Prism constant correction	Auto correction, manual input		
Vial			
Plate vial	30 " /2mm	30 " /2mm	
Circular vial	8 ' /2mm		
Auto Vertical Compensator			
Туре	Single axis Liquid-electric/Dual axis	Single axis Liquid-electric/Dual axis liquid-electric (optional)	
Compensation range	± 3 '	± 3 '	
Accuracy	1 "		
Laser Plumment			
Accuracy	± 0.8mm/1.5m	± 0.8mm/1.5m	
Laser class			
Laser wavelength	650nm		
Interface and Data management			
Display/Keyboard/control paner location	Graphic LCD, 192 × 96dots, 6 lines, digital, backlight/Alphanumeric keyboard with backlight/On both face		
Control paner location	on both face		
Data storage-Internal memory	20000 points		
Data storage-plug-in memory	SD card, USB flash memory (max.16G)		
Data Communication	RS-232C, SD CARD, USB, MINI USB, Bluetooth (optional)		
Power supply			
Туре	Li-ion, Rechargeable		
Voltage		DC 7.4V 3000mah	
Continuous operation time	16hrs		
General			
Dust and water protection	IP54		
Operating temperature	-20°C to 50°C		
Size and handle	220 × 184 × 360mm		
Weight with battery & tribrach	5.5kg		

The actual parameters are subject to the product technical documents, subject to change without notice.

GEO·EX 中地测绘

中地测绘

Measure Right & Explore Infinity

About Us

Geodex is one of the leading worldwide provider of high precision Geographic Surveying & Mapping Equipment, our main products includes RTK GPS, handheld GPS, Total Station, theodolites, automatic levels, laser level and so on.

These kinds of products are widely used for high precision measurement, surveying & mapping works, such as land & housing management, building, road, railway & city infrastructure construction, Topographic, Cadastral, monitoring and mining, hydro & marine

Geodex's office & factories are based in China. Its head office is located in Guangzhou, and main factories are located in Guangzhou & Beijing.

Geodex's main customers are geographic surveying information departments and construction companies, its products are also sold to Colleague & University for teaching

Geodex sells products to many different countries. It has a high market reputation because it not only provides high quality products, but also excellent customer & technical supports.

surveying projects.

Geodex Series of Total Station products





GET-122CR



Authorized Distributor:

SERIES

GET-120CR SERIES TOTAL STATION



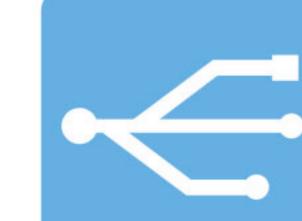
Main Features:

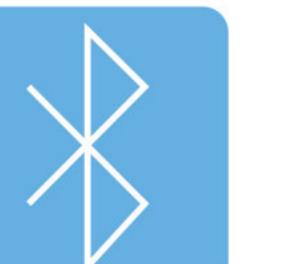
★ 2" Angular Accuracy

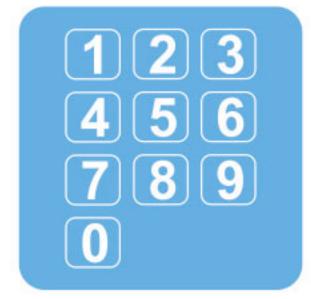
★ Improved EDM System

★ ±(2mm + 2x10-6·D) with reflector

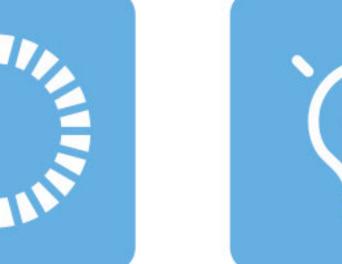












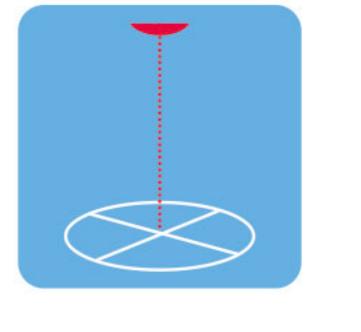




★ Dual-axis Compensation Available, Laser Plummet for easy operation

★ 650m of reflectorless measurement, higher work efficiency

- ★ Abundant Measurement Program Design for Surveying, Layout & Road Design
- ★ Big Inner & External Memory for large data storage
- ★ Convenient Data Communication via SD card, USB port, Data Cable & Bluetooth
- ★ High Value for Money, Quality but Affordable





www.geodexsurvey.com



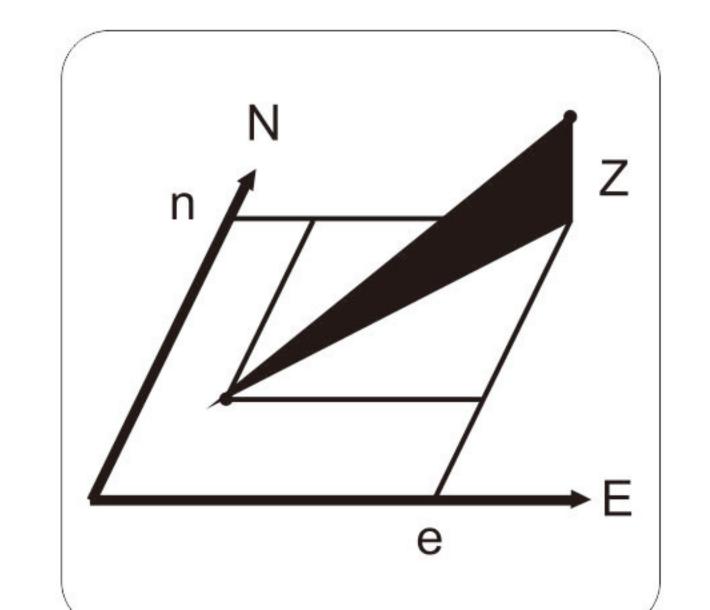
Add: D5-410, Minjie Squre, Shuixi Road, Huangpu District, Guangzhou, 510530, Guangdong, China

Guangzhou GeoLand Instrument Co.,Ltd.

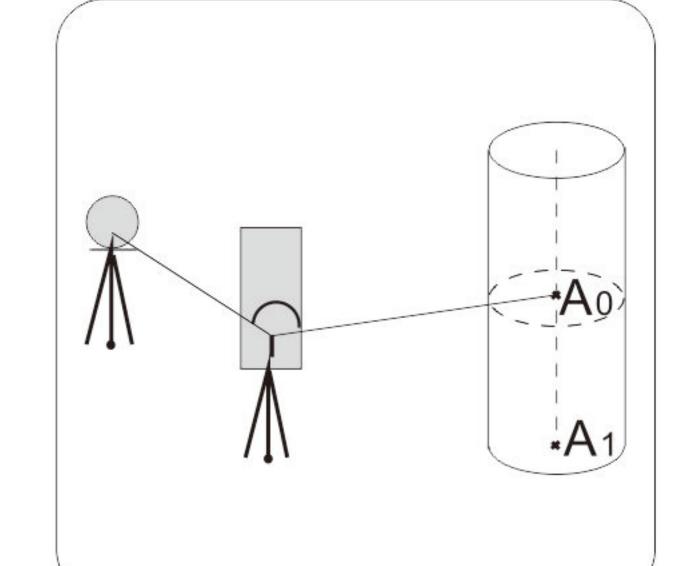
TEL: +86 (0)20-8251 6799 FAX: +86 (0)20-8251 6499

E-mails: sale@geodexsurvey.com Website: http://www.geodexsurvey.com

Main programs:

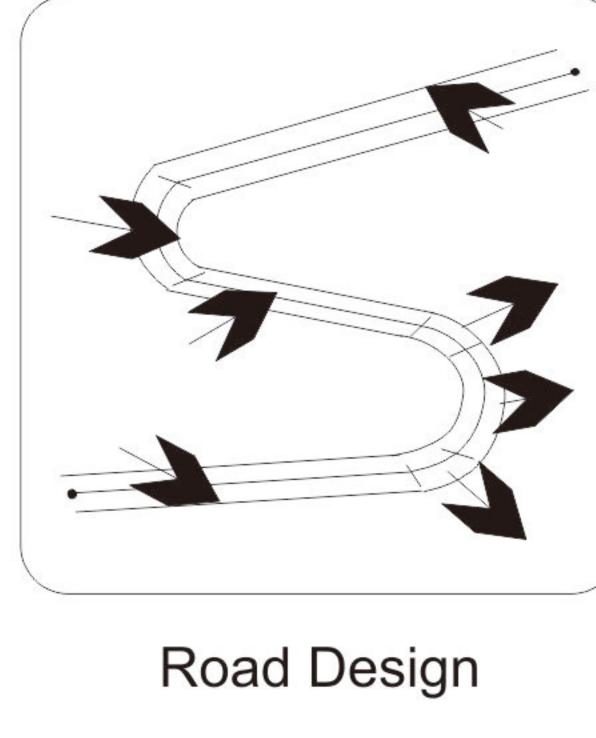


Coordinate measurement



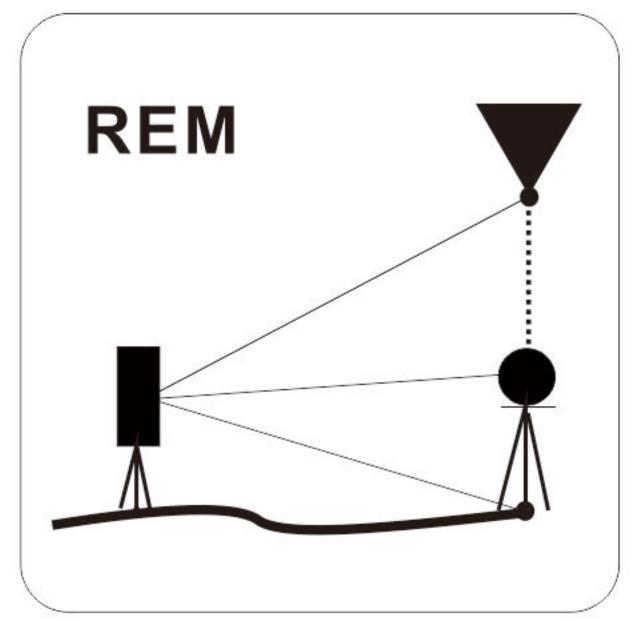
Angle offset



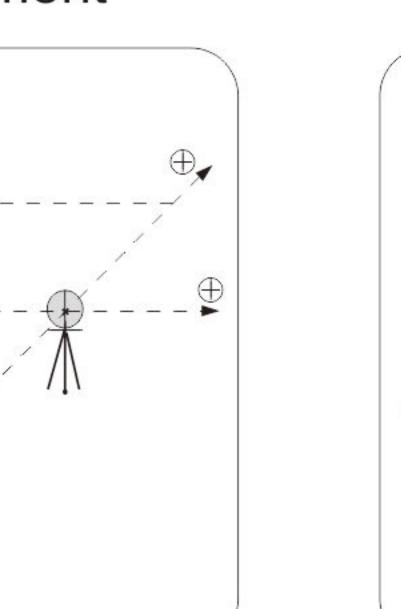


650M

Resection



Remote elevation measurement



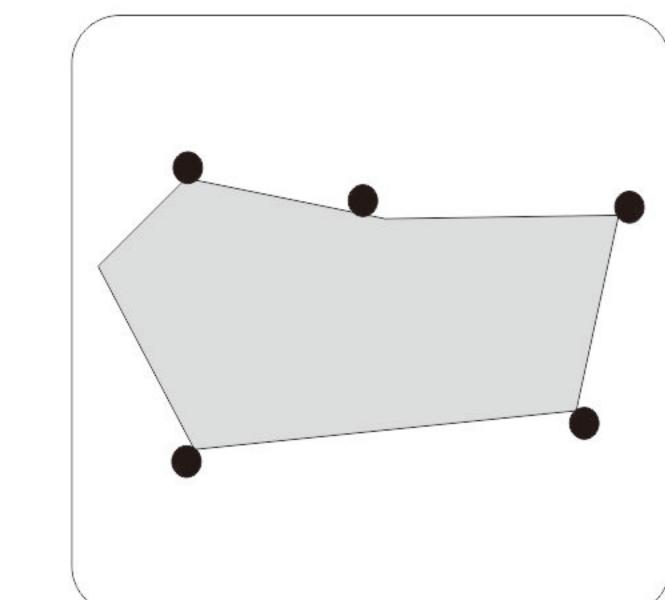
MLM

Prism A

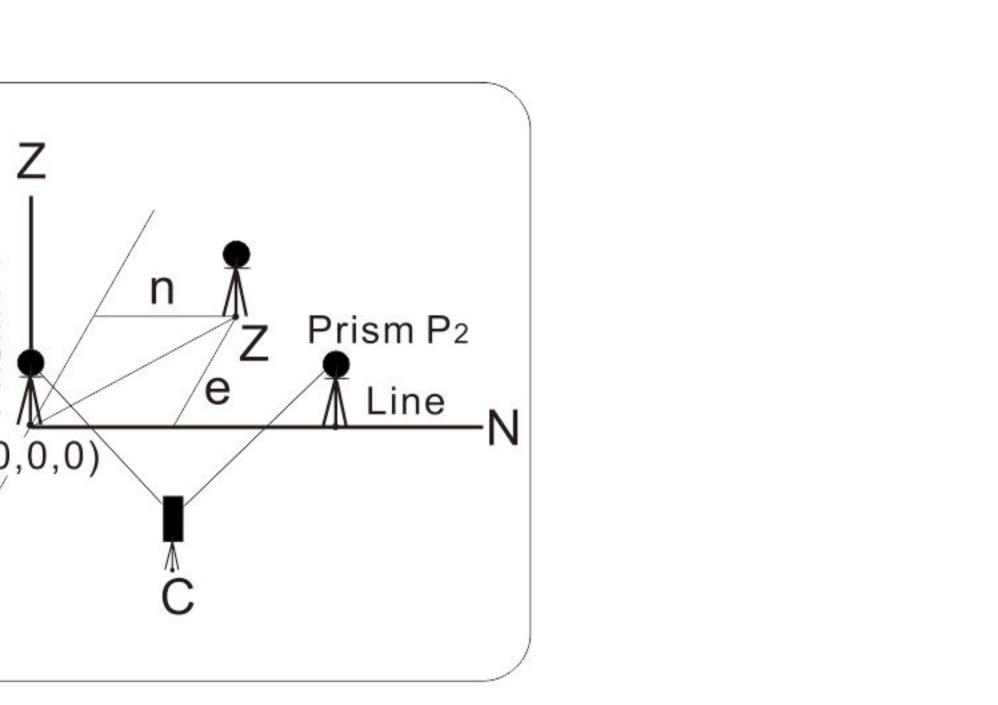
Missing line

measurement

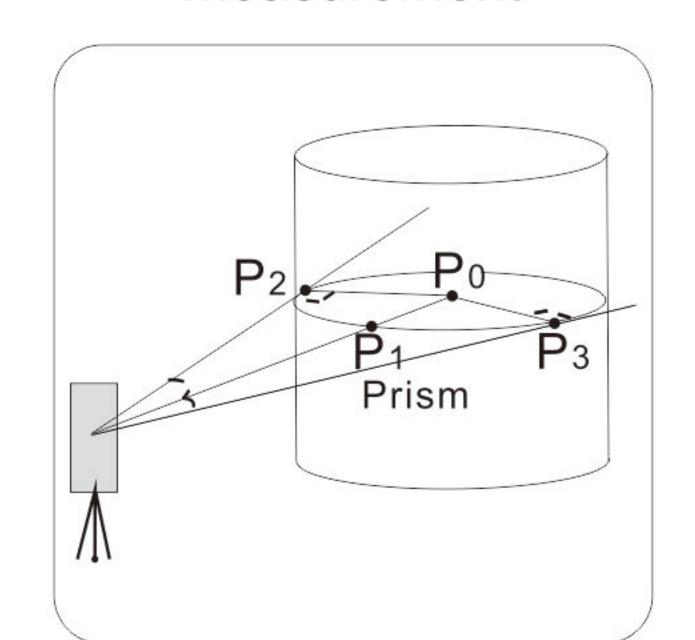
Distance offset



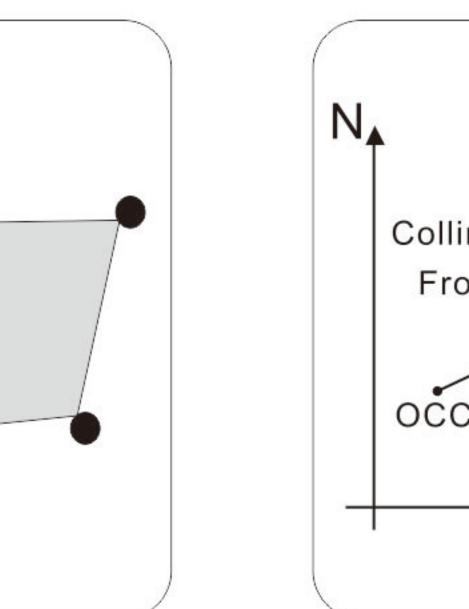
Plane offset



Point to line measurement



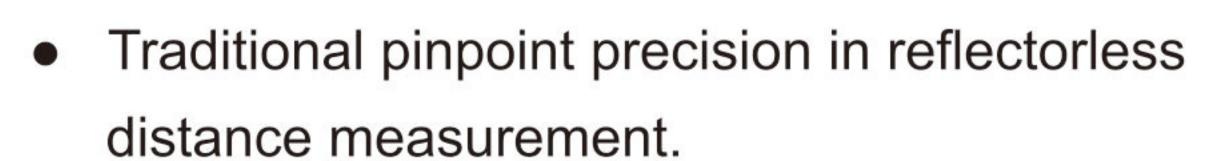
Column offset



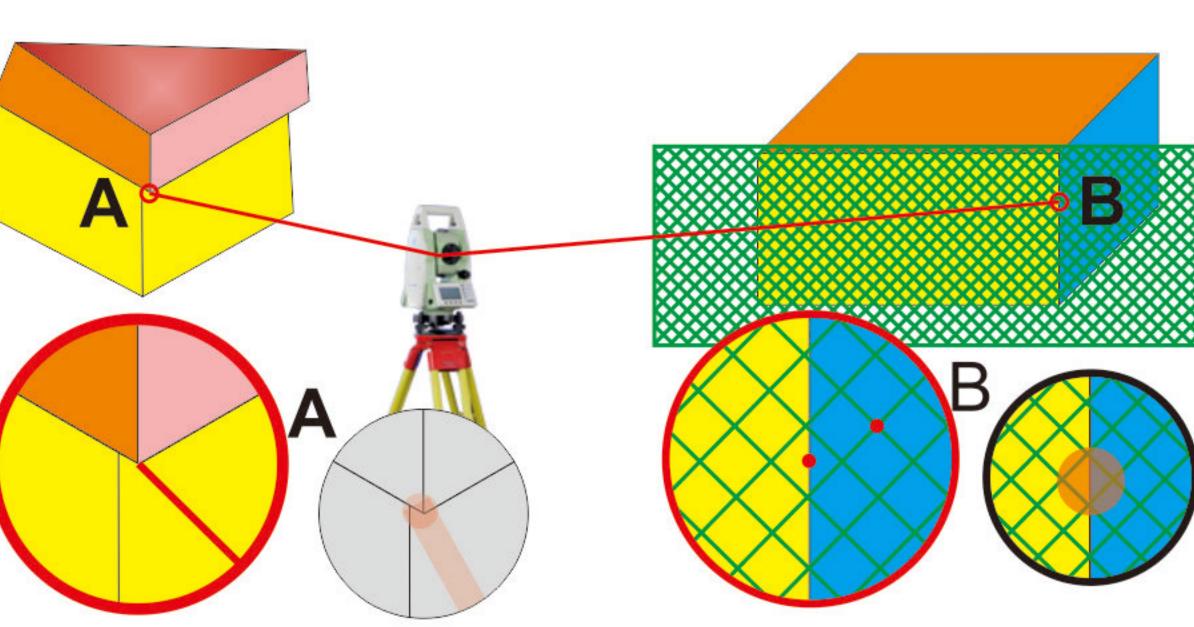
Area Calculation

Layout of Coordinates of point to Line

Technology Reflectorless EDM



- Reflectorless operation from 650m.
- Coaxial EDM beam and laser-pointer provide





★ Long Battery Life

- The single battery can last up to 16 hours.
- Two batteries (3000mAH each).
- Greatly reduces likelihood of low power during any full-days work.
- Eliminates the need for nightly recharging or carrying extra batteries.

★ Data Storage

Diversified data transfer options such SD card, USB, mini USB

Bluetooth (Option)

Bluetooth Class 1 realizes long-distance and stable connection. Link between total station and rover-end data collector, both equipped with bluetooth class1, facilitates quick surveying only by sighting the object.

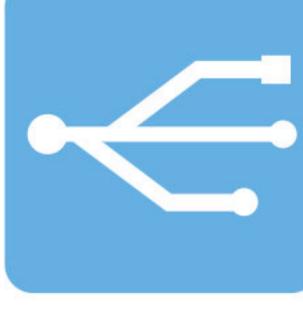
* Backlight

working in the dark.

* Absolute Encode Disk

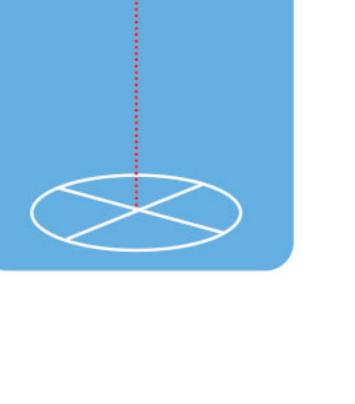






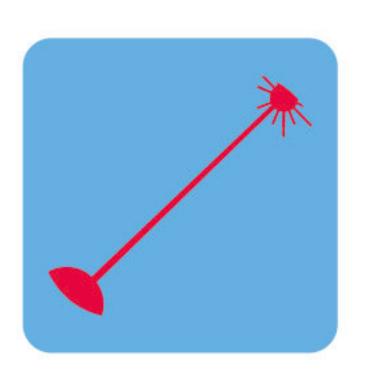


Bluetooth



* Laser Plummet

Direct laser plumbing on the benchmark helps with an easier setup of station point.



* Laser Pointing

Equipped with laser pointing function, easier to target at the objects, or even served as a laser pointer for orientation.



★ One-touch star key[★]

One-touch star key [*] offers instant access to functions.

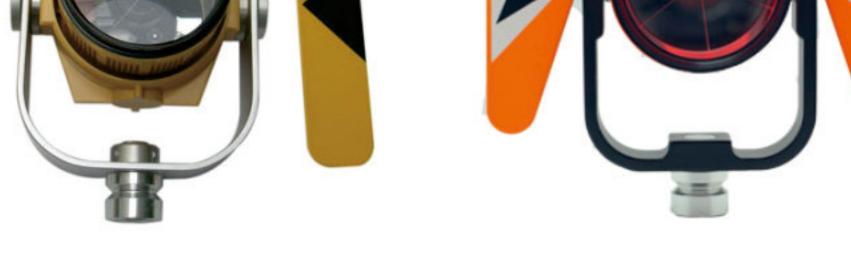


Standard Accessories:

- Main unit 1x
- Battery 2x
- Battery charger 1x
- Lens cap 1x
- Tool kit with case 1x
- Software CD 1x
- Plastic rain cover 1x
- Dryer 1x
- Carrying case 1x
- USB cable 1x
- SD card 1x
- USB Disk 1x
- User Manual 1x

Optional Accessories:





Tk10set Tk18set Single Prism System

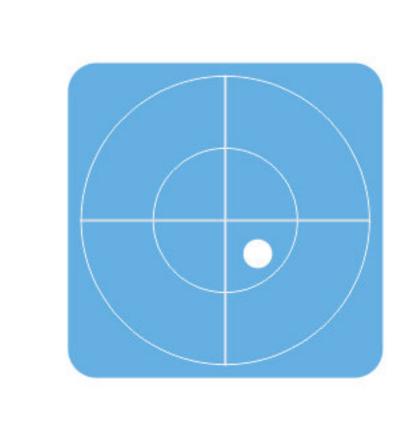


Mini Prism System



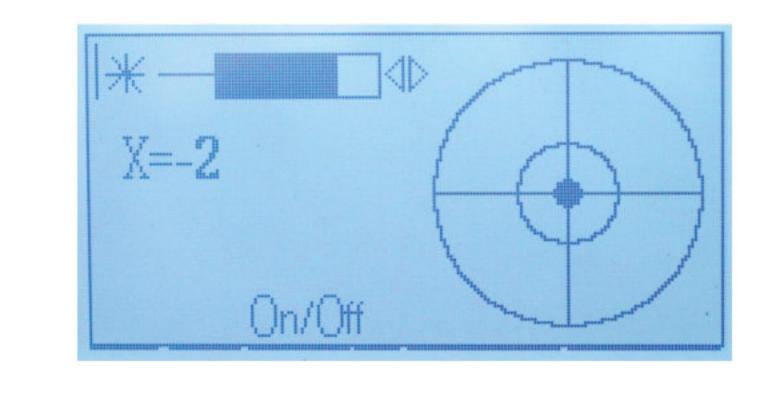
Prism pole & Tripod

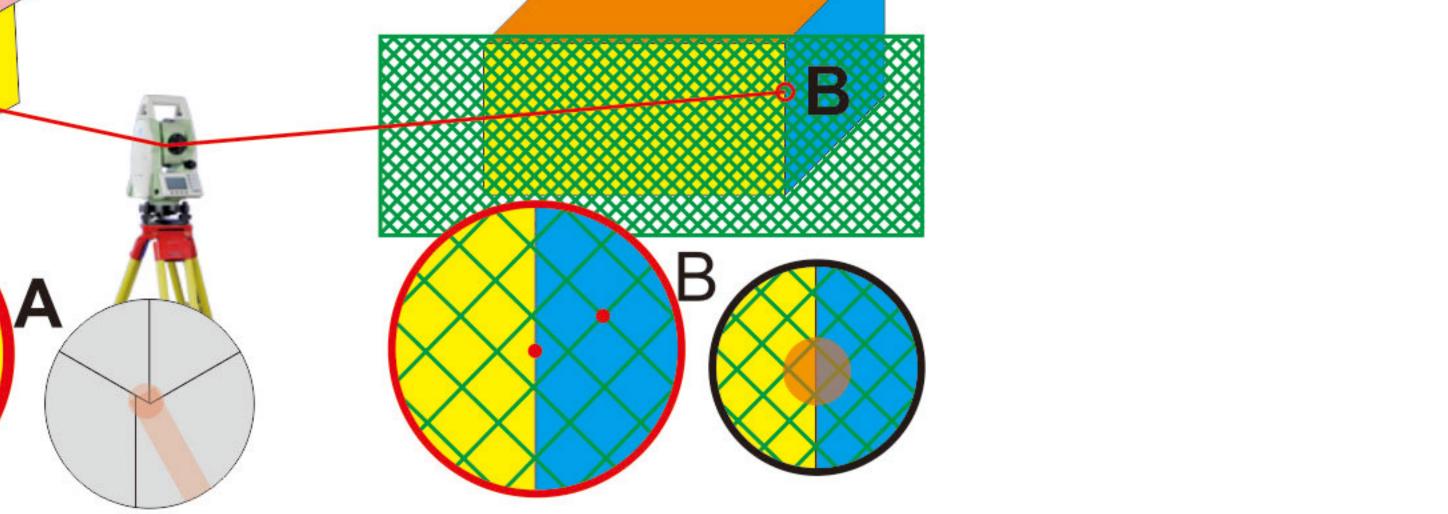
- fast and accurate aiming.
- Ensures accuracy even with reflective sheets.

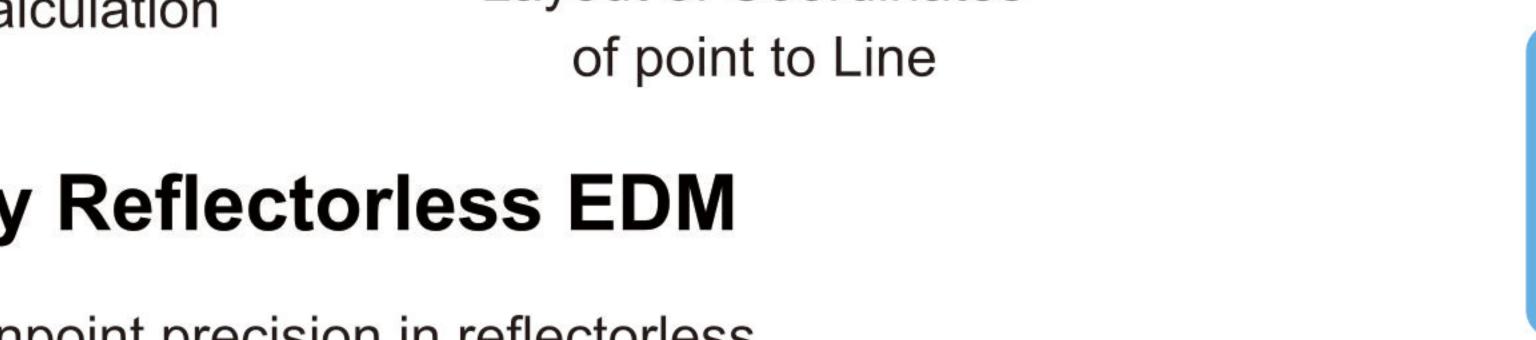


International standard dual-axis compensator

The display and keyboard with backlight for









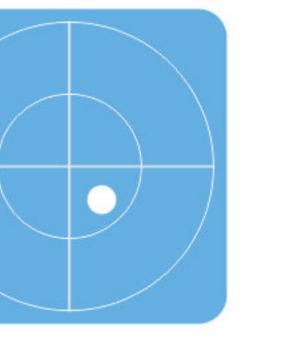
* Alpha-numerical Keyboard

Control panel features large 10-key pad with LCD that provides optimum viewing and convenience.

With absolute encoding disk, you can start your work directly as the instrument is

powered on. Azimuth angle will be saved even if the power is off incidentally in the job.

★ Dual Axis Compensation (option)



configured for auto error elimination and auto accuracy compensation, with vivid graphic electronic bubble diplay.



The ultra-narrow EDM beam can preciselymeasure walls, corners, manholes on the road surface, evenchain-link fences and tree branches.