

Produktbeschreibung

Sokkia IM52 Ideal für Standortlayouts und Vermessungen auf Einstiegsebene. [Originaler Japanisch-Totalstation](#) Die reflektorlose Totalstation der Sokkia IM-50-Serie ist ein intelligentes Messgerät, das zuverlässige und genaue Ergebnisse zu einem erschwinglichen Preis bietet. Die Sokkia IM-50 verfügt über eine Reichweite von bis zu 1.640 Fuß ohne Reflektor und bis zu 13.123 Fuß für ein einzelnes Prisma. Es wird außerdem mit einer integrierten Bluetooth-Verbindungsoption und einer internen Antenne geliefert, die den kabelfreien Betrieb ermöglicht.

Diese Sokkia Total Station verfügt über einen koaxialen roten Laser mit EDM -Strahltechnologie mit einer 30 -fachen Vergrößerung und einer Auflösung von 2,5 Zoll. Es wird mit einer Zwei-Achsen-Korrektur im Bereich von ± 6 Grad geliefert, was zuverlässige Messungen an jedem Gelände ermöglicht. Es enthält auch SDRBasic Onboard -Software und 50.000 interne Speicherpunkte für reibungslose Vermessungen.

Der Sokkia IM-50 ist mit einer IP66-Klasse vollständig staubdicht und wasserdicht. Es verfügt über ein grafisches LCD-Display mit einer alphanumerischen 28-Tasten-Tastatur mit Hintergrundbeleuchtung. Darüber hinaus verwendet es eine wiederaufladbare Lithium-Ionen-Batterie und arbeitet bis zu 14 Stunden lang, wodurch es für lange Stunden ideal ist.

Der Sokkia IM52 ist eine verbesserte Version der Sokkia CX52 Total Station



Produktspezifikationen

Hauptmerkmale

Keine Reflektoren, bis zu 500 Meter
Vergrößerung: 30x
IP66 Staub und wasserdichte Leistung
2,5 Zoll Auflösung

50.000 Punkte des internen Speichers
Zwei-Achsen-Korrektur
Die Akkulaufzeit beträgt bis zu 14 Stunden
183 (w) x 181 (d) x 348 (h) mm (doppelseitig)

Ca. 5,1 kg (11,3 Pfund) Gewicht (einschließlich Batterie und Leveler)

Optische Zentripetal/Laser -Zentripetal (optional)

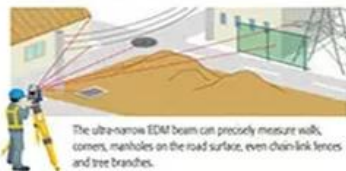
iM-50 Series

Intelligence Measurement Station

SPECIFICATIONS

Fast and Powerful Reflectorless EDM

- Fast and accurate pinpointing with phase shift technology.
- Fast distance measurement of 0.9s regardless of object.
- Minimum reflectorless measuring distance - just 30cm.
- Improved collimation with super-bright pointer.
- Smaller EDM beam spot size for minimal distance measuring error.
- Dependable measuring even at shallow incidence angles.
- Ensures accurate reflective sheet distance measurement.



The ultra-narrow EDM beam can precisely measure walls, corners, manholes on the road surface, even chain-link fences and tree branches.

Japan Quality Products



We perform the tough environmental tests to ensure long-term operation even under the rough site environments.

iM Series total stations are thoroughly inspected with dust-proof and water-proof test chambers.

In addition, the various tests against vibration, drop, temperature, and humidity were successfully passed to achieve the best environmental spec. Also, the measuring distance accuracy test on base line and the instrument leveling and angle accuracy test and adjustment by collimator system ensure your satisfaction on iM Series product quality.

Standard Package Components

- Main unit • Battery (BDC46C)
- Battery charger (CDC68A)
- Power Cable • Lens cap • Lens hood
- Tool pouch • Precision Screwdriver
- Lens brush • Hexagonal wrench x2
- Cleaning cloth • Quick Manual
- Laser caution sign-board
- Carrying case • Carrying strap

Model	iM-52	iM-55
Telescope	30x / 2.5"	
Magnification / Resolving power	30x / 2.5"	
Others	Length : 171mm (6.7in.), Objective aperture : 45mm (1.8in.) (48mm (1.9in.) for EDM), Image: Erect, Field of view: 1°30' (26m/1,000m), Minimum focus: 1.3m (4.3ft.) Reticle illumination: 5 brightness levels	
Angle measurement	1°/5" (0.0002 / 0.001gon, 0.005 / 0.02mil)	
Minimum Display (selectable)	2" 5"	
Accuracy (ISO 17123-3:2001)	Dual-axis liquid tilt sensor, working range: ±6'	
Dual-axis compensator	On/Off (selectable)	
Collimation compensation	On/Off (selectable)	
Distance measurement	Reflectorless mode : Class 3R / Prism/sheet mode : Class 1	
Laser output ¹	Reflectorless ² 0.3 to 500m (1,640ft.)	
Measuring range (under average conditions ³)	Reflective sheet ^{4,5} RS90N-K: 1.3 to 500m (4.3 to 1,640ft.), RS50N-K: 1.3 to 300m (4.3 to 980ft.), RS10N-K: 1.3 to 100m (4.3 to 320ft.)	CP01: 1.3 to 2,500m (4.3 to 8,200ft.), OR1PA: 1.3 to 500m (4.3 to 1,640ft.)
Mini prisms	1.3 to 4,000m (4.3 to 13,120ft.)	
One prism	Fine / Rapid : 0.0001m (0.001ft. / 1/16 in.) / 0.001m (0.005ft. / 1/8 in.) (selectable) Tracking / Road : 0.001m (0.005ft. / 1/8 in.) / 0.01m (0.02ft. / 1/2 in.) (selectable)	
Minimum Display	(2 + 2ppm x D) mm ⁶	
Accuracy ⁷ (ISO 17123-4:2001) (D=measuring distance in mm)	Reflective sheet ^{4,5} (2 + 2ppm x D) mm	Prism ⁷ (1.5 + 2ppm x D) mm
Measuring time ⁸	Fine 0.9s (initial 1.5s)	Rapid 0.6s (initial 1.3s)
Tracking	0.4s (initial 1.3s)	
OS, Interface and Data management	Linux	
Operating system	Graphic LCD, 192 x 80 dots, backlight : on/off (Selectable) / Alphanumeric keyboard / 28 keys with backlight	
Display / Keyboard	On both faces On single face	
Control panel location	Approx. 50,000 points	
Data storage	Internal memory	USB flash memory (max. 32GB)
Plug-in memory device	Serial RS-232C, USB2.0 (Type A for USB flash memory)	
Interface	General	
Laser-pointer	Coaxial red laser using EDM beam	
Levels	Graphic 6" (Inner Circle)	Circular level (on tribrach) 10" / 2mm
Plummet	Optical Magnification: 3x, Minimum focus: 0.5m (19.7in.) from tribrach bottom	Laser (option) Red laser diode (635nm±10nm), Beam accuracy: <=1.0mm@1.3m, Class 2 laser product
Dust and water protection / Operating temperature	IP66 (IEC 60529:2001) / -20 to +60°C (-4 to +140°F)	
Size with handle	183(W)x 181(D)x 348(H)mm (On both faces)	183(W)x 174(D)x 348(H)mm (On single face)
Instrument height	192.5mm from tribrach mounting surface	
Weight with battery & tribrach	Approx. 5.1kg (11.3lb)	
Power supply	Li-ion rechargeable battery BDC46C	
Battery	Approx. 14hours ¹⁰	
Operating time (20°C) ¹⁰	Application program	
On board	• REM Measurement • 3D Coordinate Measurement • Resection • Stake Out • Topography Observation • Offset Measurement • Missing Line Measurement • Intersection • Surface Area Calculation • Route Surveying • Point to Line	

¹ IEC60825-1:Ed.3.0:2014/ FDA CDRH 21 CFR Part 1040.10 and 11 ² Average conditions: Slight haze, visibility about 20km (12 miles), sunny periods, weak scintillation. ³ With Kodak Gray Card White Side (90% reflective). When brightness on measured surface is 30,000 lx, or less. Reflectorless range/accuracy may vary according to measuring objects, observation situations and environmental conditions. ⁴ When the measuring beam's incidence angle is within 30° in relation to the reflective sheet target. ⁵ Measuring range in temperatures of 50 to 60°C (122 to 140°F): RS90N-K: 1.3 to 300m (4.3 to 980ft.), RS50N-K: 1.3 to 180m (4.3 to 590ft.), RS10N-K: 1.3 to 60m (4.3 to 190ft.) ⁶ Measuring range: 0.3 to 200m ⁷ Face the prism toward the instrument during the measurement with the distance at 10 m or less. ⁸ Good conditions: No haze, visibility about 40km (25miles), overcast, no scintillation. ⁹ Figures will change depending on the operating environment including temperatures and observation conditions. ¹⁰ In use of ECO mode. Fine single measurement every 30sec.

Detailliertes Bild



über uns

COMPANY PROFILE

SHENZHEN PENG JIN TECHNOLOGY CO., LTD.



Shenzhen Peng Jin Technology Co., Ltd. is engaged in product development, production and processing in domestic and international trade & business by means of joint ventures, cooperation and partnership. The company majored in UAV, BIM(lifting robot and 3D laser scanner), pipeline detecting instruments, geological radar, Meteorological products, hydrological products, laser instruments, geodetic instruments, 4D deformation monitoring system, GPS, precision instruments, industrial measuring equipment and so on. We distribute MX GPS IC, FMD IC, SAMSUNG IC, MHCHXM SBD, VB semi MOSFETs and other electronic component. We also develop and produce 4D deformation monitoring system, geodetic instruments, plainmeter, etc... adopting the multiplex management system.

Companies adhere to the "customer first, reputation first" as the enterprise purpose, to "unity, trustworthiness, efficiency" for the enterprise spirit, loyalty and professional service principles to fulfill their responsibilities, to provide customers with perfect service.

WHY CHOOSE US?

SHENZHEN PENG JIN TECHNOLOGY CO., LTD.



TEAM

Our sales and tech-support teams interact with you to provide professional solutions.



OEM

We have our own brand "PJK" with most cost-effective and equivalent quality as major brands in the world. We also provide customization service for you.



PROFESSIONAL

We are a professional global supplier specializing in geodetic survey instruments, provide thorough services from pre-sale to after-sale for customers all over the world for 20 years.



SERVICE

Our service: fast delivery, affordable price, reliable quality and tech supporting warranty.



COOPERATION

We are diligent, professional, aggressive, and looking forward to building win-win cooperation with you.

Versand und Zahlung

Delivery



Payment



PayPal

WESTERN UNION

VISA

ESCROW

Master Card

HSBC