

Descripción del Producto

Sokkia IM52 ideal para diseños de sitios de nivel de entrada y topografía. [Estación total original de fabricación japonesa](#) La estación total sin reflector es un dispositivo de medición inteligente que ofrece resultados confiables y precisos a un precio asequible. El Sokkia IM-50 presenta un rango de hasta 1,640 pies sin un reflector y hasta 13,123 pies para un solo prisma. También viene con una opción integrada de conexión Bluetooth y una antena interna que permite el funcionamiento sin cable.

Esta estación total de Sokkia presenta un láser rojo coaxial con tecnología de haz EDM, con un aumento de 30x y una resolución de 2.5 pulgadas. Viene con la corrección de dos ejes en el rango de ± 6 grados, lo que permite mediciones confiables en cualquier terreno. También incluye software SDRBasic Onboard y 50,000 puntos de memoria interna para una superación suave.

El Sokkia IM-50 es totalmente a prueba de polvo e impermeable con un grado IP66. Cuenta con una pantalla LCD gráfica con un teclado alfanumérico retroiluminado de 28 teclas. Además, utiliza una batería recargable de iones de litio y funciona durante hasta 14 horas, por lo que es ideal para largas horas.

El Sokkia IM52 es una versión mejorada de la estación total de Sokkia CX52

SOKKIA

iM-50 Series
intelligence Measurement Station

High Quality, High Return!

- Construction and Survey Application Software
- Fast & Accurate & Powerful Measuring Distance Feature
- 500m Long Range Reflectorless Measurement
- Rugged & Waterproof Design
- Reliable Large Volume Internal Memory

Especificaciones del producto

Características principales

Sin reflectores, hasta 500 metros

Aumento: 30x

Polvo IP66 y rendimiento impermeable

Resolución de 2.5 pulgadas

50,000 puntos de memoria interna

Corrección de dos ejes

La duración de la batería es de hasta 14 horas

183 (w) x 181 (d) x 348 (h) mm (doble lado)

Aprox. 5.1 kg (11.3 libras) de peso (incluida la batería y el nivelador)

Centripetal óptico centripetal/láser (opcional)

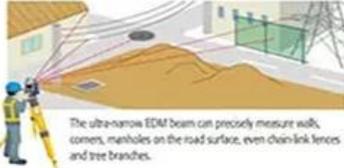
iM-50 Series

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.



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		
Minimum Display (selectable)	1"/5" (0.0002 / 0.001gon, 0.005 / 0.02mil)	
Accuracy (ISO 17123-3:2001)	2" 5"	
Dual-axis compensator	Dual-axis liquid tilt sensor, working range: ±6'	
Collimation compensation	On/Off (selectable)	
Distance measurement		
Laser output ¹	Reflectorless mode : Class 3R / Prism/sheet mode : Class 1	
Measuring range (under average conditions ²)	Reflectorless ³	0.3 to 500m (1,640ft.)
	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.)
	Mini prisms	CP01: 1.3 to 2,500m (4.3 to 8,200ft.), OR1PA: 1.3 to 500m (4.3 to 1,640ft.)
	One prism	1.3 to 4,000m (4.3 to 13,120ft.)
Minimum Display	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)	
Accuracy ⁷ (ISO 17123-4:2001) (D=measuring distance in mm)	Reflectorless ⁷	(2 + 2ppm x D) mm ⁸
	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		
Operating system	Linux	
Display / Keyboard	Graphic LCD, 192 x 80 dots, backlight : on/off (Selectable) / Alphanumeric keyboard / 28 keys with backlight	
Control panel location	On both faces / On single face	
Data storage	Internal memory	Approx. 50,000 points
	Plug-in memory device	USB flash memory (max. 32GB)
Interface	Serial RS-232C, USB2.0 (Type A for USB flash memory)	
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		
Battery	Li-ion rechargeable battery BDC46C	
Operating time (20°C) ⁹	Approx. 14hours ¹⁰	
Application program		
On board	<ul style="list-style-type: none"> • 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.

Imagen detallada



sobre nosotros

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.

Envío y pago

Delivery



Payment

PayPal

WESTERN UNION

VISA

ESCROW

Master Card

HSBC