Provided by Xpert Survey Equipment Click Trimble M3 for Product Info and Updated Pricing

Key Features

Compact, lightweight & rugged system design

Trusted and reliable mechanical technology

Trimble Access field software and optional streamlined workflow modules on board

Bright and colorful touchscreen QVGA display

Available with choice of optical or laser plummet



trimble m3 total station

one oF your most reliable creW members

Lightweight, compact and streamlined, the Trinfble M3 Total Station provides everything you need to get the job done right in demanding situations.

trimble access FielD soFtWare onboarD

Featuring Trimble Accesseld software, the Trimble M3 combines trusted mechanical total station reliability with the powerful, functional and modular software that modern users need today. Designed to support your everyday work, including topographic surveys, staking, control, and more; Trimble Access offers a familiar, easy-to-use interface that will ensure your instant productivity with powerful data collection and calculation tools for fast results in

streamlineD WorKFloWs For specializeD applications

With Trimble Access onboard, users can now take advantage of optional specialized modules that help streamline common application workflows. The Trimble Access Roads module adds powerful tools to simplify road stakeout projects. The step-bystep approach guides users with minimal training, providing all the tools at your fingertips to complete a road stakeout job.

to follow workflow that guides users through tasks such as marking areas of under- and overbreak with the laser pointer of the Trimble M3. The graphical interface provides a clear view of as-designed versus as-built conditions.

The Trimble Access Land Seismic module is designed to simplify seismic stakeout work to increase speed and reduce errors. The easy-to-follow workflow uses common naming conventions for stakeout points and the unique bin-based navigation functionality ensures that operators get to the next stake location quickly.

Each M3 instrument comes standard with integrated wireless Bluetoothconnection. Through this connection, users can control the instrument using Trimble Access field software running on an external controller. This allows the M3 to be used seemlessly right along with other Trimble equipment on the

mecHanical expertise From tHe innovation leaDer

With long range Trimble DR technology, you can save time by reducing instrument setups to reach your desired measurement points. The high-accuracy EDM provides fast, reliable measurements to get your jobydone, quickly, and afficiently a Ponnwized Nikonaphical-ri option residential and options and options and options are simple and options and options are simple and options. imprayeda igangandraparationaking of points, lines, arcs Eagonalighmoentsois availablentethrithed Astinee Maps feature. keyboard streamline and simplify your inputs.

With its bright, colorful QVGA touchscreen running Microsoft Windows Embedded CE 6.0 operating

hard-shell transport case so it is easy to transport to and

DesigneD to Keep you moving

Due to its small and lightweight design, the Trimble M3 is quick and easy to move around the job site. Each instrument comes with the choice of internal optical or laser plummet making for convenient known point setups. The system ships in a rugged and compact

from the job site.

With two hot-swappable, long life batteries included. the Trimble M3 is capable of up to 26 hours of The Trimble Access Tunnels module provides an easy continuous operation. This offers users the ability to quickly replace a battery while continuously working when power is getting low, without shutting down.

trimble m3 Dr 5" W

For users working in cold temperatures, the Trimble M3 DR 5" Winterized version is specially designed for use in low temperature conditions. When in use during extreme low temperatures, the rear display heater will switch on automatically at temperature around -15°C.



trimble m3 total station

DISTANCE MEASUREMENT Range with specified prisms Good conditions' With reflector sheet 5 cm x 5 cm (2 in x 2 in) 1", 2", 3 ", 5"				COMMUNICATIONS Communication ports					
					Reflectorless mode			00 (1.0 1.0 1.0 1.0, 1.0 1.1.)	POWER Internal Li–ion battery (x2)
					1", 2", 3", 5"	good¹	normál	Difficult	Output voltage
KGC (18%)	350 m (1,148 ft)	250 m (820 ft)	200 m (656 ft)	Operating time ⁶					
KGC (90%)	500 m (1,640 ft)	400 m (1,312 ft)	250 m (820 ft)	1", 2", 3 ", 5" approx. 26 hours (distance/ angle measurement every 30 seconds) approx. 28 hours (continuous angle measurement)					
5" Winterized	good¹	normal	Difficult	5" Winterized approx. 16 hours (distance/angle measurement every 30 seconds)					
KGC (18%)	280 m (919 ft)	250 m (820 ft)	200 m (656 ft)	approx. 20 hours (continuous angle measurement)					
KGC (90%)	500 m (1,640 ft)	400 m (1312 ft)	300 m (984 ft)	Charging time, full charge					
Accuracy (Standard Deviation	based on ISO 17123	2.4\		GENERAL SPECIFICATIONS Level vials					
(Standard Deviation based on ISO 17123-4)				mm Sensitivity of Circular level vial					
Reflectorless			±(3+2 ppm x D)	m /h angent/Clamps Endless (1", 2",3", 5"); Clamping (1")					
Winterized version				Display face 1					
Prism				C)Display face 2					
D # 4 4	\pm (3 + 3 ppm × D) m	nm (–20 °C to –10 °C	C, +40 °C to +50 °C)	Point memory					
Reflectoriess			C, +40 °C to +50 °C)	CInternal Plummet Optical or Class 2 Laser Dimensions (W x D x H)					
Measuring interval ⁶	± (3 + 3ppiii ^ D) ii	IIII (-20 C t0 - 10 t	5, +40 C (0 +50 C)	(5.8 in x 5.7 in x 12.0 in)					
prism mode	standard r	node Fa	st standard mode	Weight (approx.)					
				1", 2", 3 ", 5" Main unit					
1", 2", 3", 5"	1.6 s		0.8 s	5" Winterized					
5" Winterized	1.5 s	d. E-	0.8 s	Battery					
reflectorless mod	le standard r	node Fa	st standard mode	Carrying case					
1", 2", 3", 5"	2.1 s		1.2 s	ENVIRONMENTAL					
5" Winterized least count	1.8 s 1 mm (0.0	00 84)	1.0 s (o mm (o.o2 ft)	Operating temperature range					
least count	I IIIII (0.0	02.10	10 mm (0.02 ft)	Winterized					
				Storage temperature range25 °C to +60 °C (-13 °F to +140 °F) Winterized30 °C to +60 °C (-22 °F to +140 °F)					
ANGLE MEASUREME		al\	4" 0"/0 E magan	Atmospheric correction					
DIN 18723 accuracy	(norizontal and vertical		mgon, 5"/1.5 mgon	Temperature range					
Reading system			Absolute encoder	Barometric pressure					
Circle diameter				1,332 hPa/15.8 inHg to 39.3 inHg					
			Diametrical	Dust and water protection					
Minimum increment (Degree, Gon, MIL640	00)		CERTIFICATION					
Gon: 0.2/1/2 mgon MIL6400: 0.005/0.02/0.05 mil				Class B Part 15 FCC certification, CE Mark approval. C-Tick.					
				Laser safety IEC 60825-1 am2:2007					
TELESCOPE				1", 2", 3 ", 5" Prism mode: Class 1 laser 1", 2", 3 ", 5" Reflectorless/Laser Pointer: Class 3R laser					
Tube length			, ,	5" Winterized reflectorless / Prism mode: Class 1 laser					
			Erect	5" Winterized Jaser Pointer: Class 2 Jaser					
		tive) Laser Plummet: Class 2 laser					
5" Winterized Effect	ctive diameter of obje	ctive		n)1 Good conditions (good visibility, overcast, twilight, low ambient light).					
5" Winterized EDM diameter				 Normal conditions (normal visibility, object in the shadow, moderate ambient light). Difficult conditions (haze, object in direct sunlight, high ambient light). 					
				4 ±(3+3 ppm × D) mm –20 °C to –10 °C, +40 °C to +50 °C (–4 °F to +14 °F, +104 °F to +122 °F) 5 Measuring time may vary depending on measuring distance and conditions. Specification based on average of					
Resolving power				repeated measurements.					
			1.0 111 (4.0 11)	6 Battery life specification at 25 °C (77 °F). Operation times may vary depending on the condition and deterioration					
			Coaxial Red Light	of the battery.					
Laser Pointer									
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