FX-200 series

Functional X-ellence Station



Standard Package Components

- FX main unit
- Battery (BDC72)
- Battery charger (CDC77)
- Power Cable
- Lens cap
- Lens hood
- Tool pouchPrecision screwdriver
- Lens brush
- Adjusting pin×2
- Silicon cloth
- Quick manual USB flash drive(Manual)
- Laser caution sign-board
- Carrying case
- Carrying strap

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•	30x / 2.5"			
	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			
	. , ,			
	0.5" / 1" (0.0001 / 0.0002gon, 0.002 / 0.005mil)			
	1"			
ation compensation	Dual-axis liquid tilt sensor, working range: ±6' (±111mgon) /			
,	Collimation compensation available			
	Reflectorless mode: Class 3R / Prism/sheet mode: Class 1			
Reflectorless*3	0.3 to 800m (2,620ft.) / Under good conditions*5 : 1,000m (3,280ft.)			
	R\$90N-K: 1.3 ~ 500m, R\$50N-K: 1.3 ~ 300m, R\$10N-K: 1.3 ~ 100m			
	1.3 to 500m (1,640ft.)			
	1.3 to 5,000m (4.3 to 16,400ft.) / Under good conditions *6: 1.3 to 6,000m (19,680ft.)			
	0.0001m(0.001ft. / 1/16in.) / 0.001m (0.005ft. / 1/8in.) (selectable)			
	0.001m (0.005ft. / 1/8in.) / 0.01m (0.1ft. / 1/2in.) (selectable)			
01	(2 + 2ppm x D) mm ⁻⁷			
	(2 + 2ppm x D) mm			
	(1.5 + 2ppm x D) mm			
1113111				
	Fine: 0.9s (initial 1.5s), Rapid: 0.6s (initial 1.3s), Tracking: 0.4s (initial 1.3s)			
nent	W-1			
	Windows Embedded Compact7			
	3.5inch, Transmissive TFT QVGA color LCD with LED backlight,			
	Touch screen, Automatic brightness control / 29 keys with backlight			
	On both faces (Face 2 is only touch screen display)			
	On right instrument support			
	1GB internal memory (includes memory for program files)			
Plug-in memory device	USB flash memory			
YO	Serial RS-232C, USB2.0 (Type A / mini B)			
on) "	Bluetooth Class 1, Operating range: up to 10m *10			
	Green LED (524nm) and Red LED (626nm),			
	Operating range: 1.3 to 150m (4.3 to 490ft.)*2			
	Coaxial red laser using EDM beam			
	Yes			
Graphic	6'(inner circle)			
Circular level	10' / 2mm			
	Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom			
	Red laser diode (635nm±10nm), Beam accuracy: <=1.0mm@1.3m, Class 2 laser produc			
	Detachable			
	IP65 (IEC 60529:2001)			
	-20 to 60°C (-4 to 140°F)			
	191(W)x190(D)x348(H)mm			
	192.5mm from tribrach mounting surface			
	236mm +5/-3mm from tibrach bottom			
	Approx. 5.7kg (12.3 lb.)			
BDC72				



^{*2} Average conditions: Slight haze, visibility about 20km (12 miles), sunny periods, weak scintillation.

- Specifications may vary by region and are subject to change without notice
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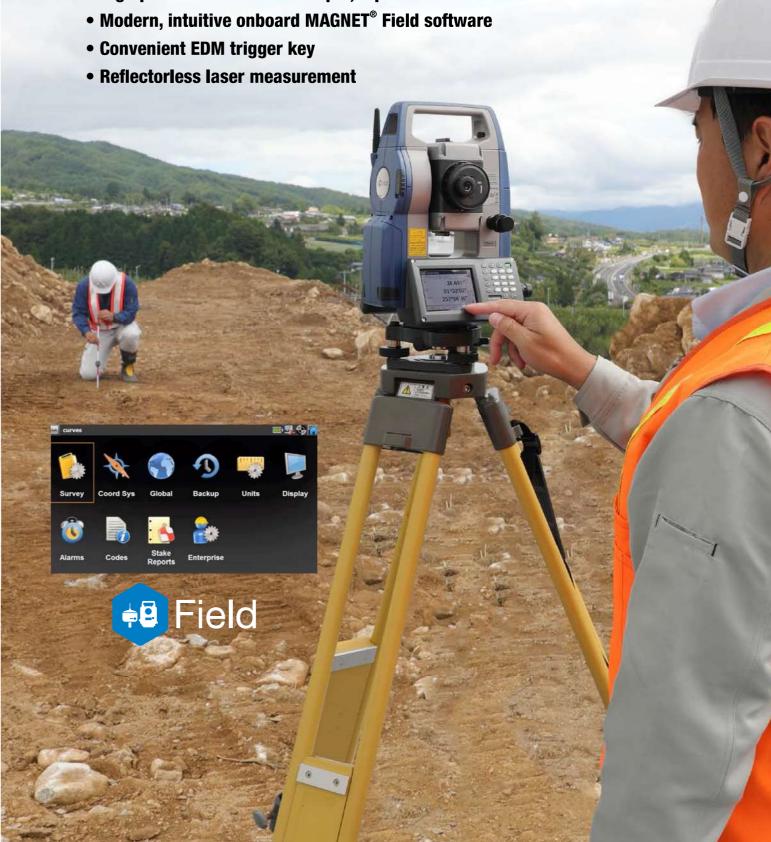


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Functional X-ellence Station

For professionals like you

High performance EDM for rapid, repeatable measurements





PARAGON

INSTRUMENTATION

ENGINEERS PVT. LTD.

^{*3} Fine mode. 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 -30 to -20°C (-22 to -4°F) with Low Temperature models and 50 to 60°C (122 to 140°F) with High Temperature models: 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 190ft.)

^{*6} Good conditions: No haze, visibility about 40km (25 miles), overcast, no scintillation.

⁷ Measuring range:0.3 to 200m

^{*8} Typical, under good conditions. Reflectorless measurement time may vary according to measuring objects, observation situations and environmental conditions

^{*9} Usage approval of Bluetooth wireless technology varies according to country. Please consult your local oce or representative in advance.

^{*10} No obstacles, few vehicles or sources of radio emissions/interference in the near vicinity of the instrument, no rain.

^{*11} The laser-pointer and the guide light do not work simultaneously.

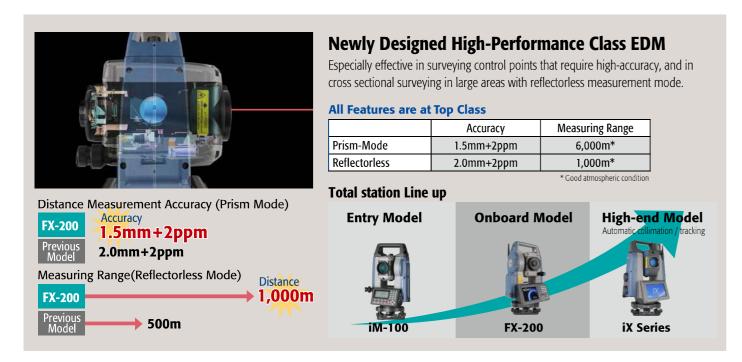
^{*12} Low Temperature models:-30 to 50 °C (-22 to 122°F) is available on built-to-order basis.

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Anybody can move to Stake Out Line easily. Green and Red colored lights will show you the direction to move.





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