



XM-5000

Handheld Probe Coordinate Measuring Machine



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model			XM-5000
Camera unit	Maximum measurement length	W × D × H	2000 × 1200 × 1000 mm 78.74" × 47.24" × 39.37"
	Indication error accuracy		±(7 + 9L/1000) μm *1
	Repeatability		±3 μm
	Minimum display unit	Distance	0.0001 mm 0.000004"
		Angle	0.0001 degrees
	Camera unit rotation angle	Theta rotation	±40°
		Tilt rotation	±25°
	Weight		Approx. 8 kg 17.64 lb
	External input	2 inputs	Maximum applied voltage: 26.4 V, ON voltage: 19 V or more, OFF current: 0.1 mA or less
	External output	7 outputs (OK/NG/FAIL/MEASURE/ERROR/TOUCH/STROBE)	Maximum applied voltage: 30 V, Maximum sink current: 50 mA, Leakage current: 0.1 mA or less, Residual voltage: 1.4 V or less (50 mA) / 1.0 V or less (20 mA)
	Probe	Number of possible connections	1
	Communication unit	WLAN communication	IEEE 802.11b/g/n
		USB communication	USB 3.0
		Infrared communication	945 nm
	Power supply		Supplied from dedicated AC adapter
	Rating	Rated voltage	24 VDC
		Current consumption	1.7 A
Probe	Environmental resistance	Operating ambient temperature	10 to 35°C 50 to 95°F
		Operating ambient humidity	20 to 80% RH (no condensation)
	Marker	Number of markers	7
	Light source		870 nm
	Applicable stylus		M5
	Display	Display method	OLED
		Resolution	96 × 39 pixels
	Hardware keys		MEASURE, OK, CANCEL, CAMERA, Trigger, Power
	Communication unit	WLAN communication	IEEE 802.11b/g/n
		USB communication	USB 2.0
		Infrared communication	945 nm
	Power supply	Battery	Dedicated lithium-ion battery pack
		Capacity	3350 mAh
		Charging time	Approx. 6 hours

		Continuous usage time		Approx. 8 hours
	Rating	USB connection	Rated voltage	5 VDC
			Current consumption	1 A
		Battery	Rated voltage	3.6 VDC
			Current consumption	1.25 A
	Environmental resistance	Operating ambient temperature		10 to 35°C 50 to 95°F
		Operating ambient humidity		20 to 80% RH (no condensation)
	Weight			Approx. 630 g 22.24 oz

*1 Refer to ISO 10360-2 (in the range of 800 × 400 × 500 mm 31.50" × 15.75" × 19.69" and when the ambient temperature is 20°C ±1°C 68 ±1.8°F; "L" represents the measurement length (Unit: mm inch))

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

■ Head base (XM-5000/XM-H5000)

