

**WM-6210**

Wide Area CMM



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

Specifications

Model			WM-6210
Camera unit	Measurement range (W × D × H)		10000 × 3500 × 5000 mm 393.70" × 137.80" × 196.85"
	Camera unit rotation angle		Horizontal rotation ±120°
	Vertical tilt		±30°
	Minimum display unit	Distance	0.001 mm 0.00004"
		Angle	0.001°
	External input		2 non-voltage inputs
	Communication	WLAN communication	IEEE 802.11 a/b/g/n/ac *1
		Bluetooth communication	Bluetooth 5.0
		USB communication	USB 3.0
		Infrared communication	945 nm
	Power supply		Supplied from dedicated AC adapter
Contact probe	Ratings	Rated voltage	24 VDC
		Current consumption	4.5 A
	Environmental resistance	Operating ambient temperature	0 to 40°C 32 to 104°F
		Operating ambient humidity	Max. 80% RH (no condensation)
	Weight		Approx. 7.2 kg 15.87 lb
	Probing system accuracy		±(28 + 5 L/1000) µm *2
	Marker	No. of markers	7
		Light source	870 nm
	Applicable stylus		M5
	Display	Display method	2.7-inch transmissive TFT color LCD
		Resolution	320 × 240 pixels
		Touch panel	Analog resistive
	Communication	Bluetooth communication	Bluetooth 5.0
		USB communication	USB 2.0
		Infrared communication	945 nm
	Power supply	Battery	Dedicated lithium-ion battery pack
		Capacity	3250 mAh
		Charging time	6.5 hours
		Continuous usage time	Approx. 6 hours
	Ratings	USB connection	Rated voltage 5 VDC
		Current consumption	1 A
		Battery operation	3.63 VDC +10%/-1%

		Current consumption	1.25 A
Environmental resistance	Operating ambient temperature	0 to 40°C 32 to 104°F	
	Operating ambient humidity	Max. 80% RH (no condensation)	
Weight		Approx. 600 g 21.18 oz (with battery inserted)	
Laser-scanning probe	Scanning system accuracy		±(50 + 5 L/1000) µm *3
	Repeatability		0.025 mm 0.001" *4
	Working distance		300 mm 11.81"
	Depth of field		±100 mm ±3.94"
	Scan speed		Up to 2.4 million points per second
	Laser classification		2 M
	Display	Display method	3.5-inch transmissive TFT color LCD
		Resolution	640 × 480 pixels
		Touch panel	Analog resistive
Power supply		Supplied from dedicated cable	
Ratings	Rated voltage	24 VDC	
	Current consumption	1 A	
Environmental resistance	Operating ambient temperature	0 to 40°C 32 to 104°F	
	Operating ambient humidity	Max. 80% RH (no condensation)	
Weight		Approx. 1 kg 2.20 lb	

*1 With the WM-WL attached.

*2 Refer to ISO 10360-2 (in the range of 3980 × 2500 × 1500 mm [156.69" × 98.43" × 59.06"](#) and when the operating ambient temperature is 20°C ±1°C [68.0°F ±1.8°F](#); L represents the measurement length (Unit: mm [inch](#))).

*3 Refer to VDI/VDE 2634 Part 3 (at 20°C ±1°C [68.0°F ±1.8°F](#); L represents the measurement length (Unit: mm [inch](#))).

*4 2σ, when measuring ball diameter.