

XM-1500:

Model		XM-1500
Type		Controller
HDD		320 GB
Interfaces	Measuring unit	Dedicated cable
	Communication (external communication)	RS-232C USB 2.0 Series A: 6 ports (Front: 2, rear: 4) LAN RJ45 (10BASE-T/100BASE-TX/1000BASE-T)
Display	External output	DVI-D
Measuring mode		Program mode/Run mode/Statistic analysis/Single measurement
No. of configurable elements		500 (excluding comment elements)
Maximum measurement points		200 points (per element)
Basic	Measurement between elements	Distance/Angle/Calculation
	Basic elements	Plane/Line/Point/Circle/Cylinder/Cone/Sphere
	Particular measurement element	Point - no correction/Ellipse/Single point circle/Stepped cylinder/Oval/Round slot/Corner arc/Chamfer line/Torus
Virtual figures	Point	Midpoint/Contact point/Intersection/Perpendicular/Numerical input/Element specification
	Line	Median line/Tangent line/Intersect line/Projection line/Rotation line/Numerical input/Element specification
	Plane	Median plane/Parallel plane/Numerical input/Element specification
	Circle	Intersect circle/Numerical input/Element specification
GD&T	Form	Flatness/Roundness/Straightness/Cylindricity
	Orientation	Parallelism/Perpendicularity/Angularity
	Location	Position/Concentricity/Coaxiality/Symmetry
Coordination	New	Simple coordinate/Type A coordinate/Type B coordinate/Specified coordinate
	Change	Base plane settings/Fit axis to point/Fit axis to line/Rotate axis/Fix axis to offset point/Set origin/Reset coordinate
	Work adjust.	Work adjust
Apps	Distance	Plane-to-point height/Plane-to-plane distance/Hole position
	Angle	Dihedral angle/Edge to edge angle
	Diameter	Diameter/Pitch circle diameter/Lower diameter/Upper diameter
	Position	Hole position/V groove
Batch settings		Batch tolerance settings/Batch settings for output/display Items/Guidance image batch settings/List edit
No. of measurement macro settings		100
No. of probe settings		10
Average times of measurement		1/2/4/8/16
Check measurement position		Available
Print/file output		Inspection specifications/Single object report/Single object report (with guidance image)/Screen image/Graphic display image/Probe camera image/CSV output
Import/Export		Move/Copy/Delete
Other		Comment/Other measurement results
Environmental resistance	Ambient temperature	+10 to +35 °C 50 to 95 °F
	Relative humidity	20 to 80 % RH (No condensation)

Power supply	Power supply voltage	100 to 240 VAC 50/60 Hz
Power consumption		250 VA max.
Weight		Approx. 7.7 kg

XM-T1000:

Model		XM-T1000
Type		Measuring unit (2 probes)
Camera	Image pickup device	4 megapixel CMOS image sensor
	Wavelength at light receiving center	Near-infrared
Measuring range		300 mm × 250 mm × 150 mm 11.81" × 9.84" × 5.91"
Min. display unit	Distance	1 μm
	Angle	0.0001 degrees
Measurement accuracy	Repeatability	Stage locked: ±3 μm
	Indication error	Stage locked: ±8 μm ¹
Stage	Withstand load	25 kg
	X-axis movable range	-
	Rotation range	-
Probe	No. of probes	2
Stage marker	No. of markers	-
	Marker light source	-
Probe connection port		2 inputs
Console input		Dedicated console
External remote input		Non-voltage input (with and without tangent point): 2 inputs
Interfaces	Communication (external communication)	USB 2.0 Series A: 3 ports
Display	Built-in display	15" LCD monitor (1024 × 768)
Environmental resistance	Ambient temperature	+10 to +35 °C 50 to 95 °F
	Relative humidity	20 to 80 % RH (No condensation)
Power supply	Power supply voltage	Supplied from controller
	Connector type	Dedicated connector
Weight		Head: Approx. 28.2 kg (including camera and cable) Console: Approx. 150 g (including cable)