

MMT-X series



Specification

			MMT-X7	MMT-X3	MMT-X1	
Test force	Standard	Type A	49.03, 98.07, 245.2, 490.3, 980.7, 1961, 2942, 4903, 9807Mn 5 10 25 50 100 200 300 500 1000gf			
	Option	Type B	9.807, 29.42, 49.03, 98.07, 245.2, 490.3, 980.7, 1961, 2942, 4903, 9807, 19614mn 1 3 5 10 25 50 100 200 300 500 1000 2000 gf			
Loading mechanism			Automatic loading and releasing method			
Indenter approach speed			50µm/sec			
Dwell time			5 ~ 99sec		5 ~ 30sec	
Indenter			Standard : 1 (HV), Option : 2 (HV,HK)			
Objective lens			Standard:2(40X,10X *in case of AMT-PS series : 40X,5X), Option : Max.4(5X~100X)			
Eyepiece lens			Standard 10X Option 15X			
Total magnification			Standard (400X, 100X) Corresponding 50X ~ 1000X			
Measuring microscope (total 400X)	Max. Measuring length	250µm				
	Min. scale	0.01µm (200X ~ 1000X)			0.5µm	
	Min. measuring	0.01µm (200X ~ 1000X)			0.01µm	
	Type	Electronic type			Mechanical type	

Light source	LED light source	
Turret	Auto	Manual
LCD touch panel	Color LCD touch panel	-
Testing mode	6 kinds of HV, HK, HBS, KC Xbar, Cylindrical correction	-
Data memory	999 data memory	-
Hardness conversion	Possible in compliance with SAE(J-417B), ASTM(E-140)	-
OK/NG criteria	Judging to the results by setting Max. and Min.	-
Statistical calculation	Max.value, Min.value, Dispersion(R), Mean value, Converted value	-
Max. specimen height	120mm	
Max. specimen depth	160mm	
Data output	Centronics (Dot printer output)	-
	RS232C – (Output for PC), Possible to exchange to printer output	-
Accuracy	According to JIS B7725 and ASTM E-384	
Photo booth	The photo booth can be installed in the body tube in the upper part of the main body at any time	
Dimensions and weight	Main body only W250XD520XH530mm 35kg	
Power supply	Single phase AC100 ~ 240V 50/60Hz available for export models	