



Specification

		VMT-X7	VMT-X3	VMT-X1
Test force	-	9.807, 19.61, 29.42, 49.03, 98.07, 196.1, 294.2, 490.3	N	
	S	2.942, 4.903, 9.807, 29.42, 49.03, 98.07, 196.1, 294.2	N	
		1 2 3 5 10 20 30 50	Kgf	
		0.3 0.5 1 3 5 10 20 30	Kgf	
Loading mechanism		Automatic loading and releasing method		
Turret		Automatic	Manual	
Indenter approach		85 μ m/sec		
Dwell time		5 ~ 99sec		5 ~ 30sec
Min. measuring unit		0.01 μ m (200X ~ 1000X), 0.02 μ m (100X)		0.01 μ m
Objective lens	-	10X		
	S	10X, 20X		20X
Eyepiece lens		10X		
Measuring microscope	Max. measuring length	100X :999.9 μ m(200X:600.0 μ m)		
	Magnification	100X (200X)		
	Measuring type	Electronic		Mechanical
Data output		1. Centronics (standard) 2. RS232C - Output selectable RS232C or serial		-

Data memory	Max 999 test data	-
Hardness conversion	Possible in compliance with ASTM (E-140),JIS	-
OK/NG criteria	Upper and lower limits setting and HI/OK/LOW display	-
Statistical calculation	Data output and display: Max.value, Min.value, Dispersion(R), Mean value, Standard deviation.	-
RS232C communication line	1200/2400/4800/9600 bps Error detection, Parity select : even/non	-
Accuracy	ISO 6507-2, JIS B7725, JIS B7734, ASTM E-384	
Max specimen height	250m	
Max specimen depht	150mm	
Weight	Test force standard type : about 55kg . S type : about 52kg	
Power suply	Single phase AC100 ~ 240V 50/60Hz available for export models	