

EXCEL

501, 502
1051, 1052, 1054
1601, 1602, 1604

EXCEL
1602UC



EXCEL
501HC

EXCEL
1052UC



MICRO-VU CORPORATION
PRECISION MEASUREMENT SYSTEMS

EXCEL

501, 502
1051, 1052, 1054
1601, 1602, 1604

	Excel 501 HM/HC	Excel 502 HM/HC	Excel 501 UM/UC	Excel 502 UM/UC		
Scale Resolution	0.4 μ m	0.4 μ m	0.1 μ m	0.1 μ m		
XY Accuracy, E₂	2.8+L/200	3.1+L/200	2.5+L/200	2.8+L/200		
Z Accuracy, E₁	2.8+L/100	3.3+L/100	2.5+L/100	3.0+L/100		
Zoom Ratio (Optical , Digital)	19.5x (6.5x, 3x)	19.5x (6.5x, 3x)	36x (12x, 3x)	36x (12x, 3x)		
On-Screen Zoom Range	20x - 370x to 40x - 740x	20x - 370x to 40x - 740x	15x - 540x to 30x - 1080x	15x - 540x to 30x - 1080x		
Capacity mm (inches)	500x400x160 (19.7x15.7x6.3)	500x400x250 (19.7x15.7x9.8)	500x400x160 (19.7x15.7x6.3)	500x400x250 (19.7x15.7x9.8)		
Machine Size mm (inches) Weight	1200x1100x1550 (47x43x61) 860kg (1900lbs)	1200x1100x1650 (47x43x65) 900kg (1980lbs)	1200x1100x1550 (47x43x61) 860kg (1900lbs)	1200x1100x1650 (47x43x65) 900kg (1980lbs)		
Shipping Size mm (inches) Weight	1420x1320x1880 (56x52x74) 1060kg (2330lbs)	1420x1320x1880 (56x52x74) 1100kg (2420lbs)	1420x1320x1880 (56x52x74) 1060kg (2330lbs)	1420x1320x1880 (56x52x74) 1100kg (2420lbs)		
	Excel 1051 UM/UC	Excel 1052 UM/UC	Excel 1054 UM/UC	Excel 1601 UM/UC	Excel 1602 UM/UC	Excel 1604 UM/UC
Scale Resolution	0.1 μ m	0.1 μ m	0.1 μ m	0.1 μ m	0.1 μ m	0.1 μ m
XY Accuracy, E₂	4.2+L/200	4.5+L/200	5.2+L/150	4.2+L/200	4.5+L/200	5.2+L/150
Z Accuracy, E₁	2.8+L/100	3.3+L/100	3.8+L/100	2.8+L/100	3.3+L/100	3.8+L/100
Zoom Ratio (Optical , Digital)	36x (12x, 3x)	36x (12x, 3x)	36x (12x, 3x)	36x (12x, 3x)	36x (12x, 3x)	36x (12x, 3x)
On-Screen Zoom Range	15x - 540x to 30x - 1080x	15x - 540x to 30x - 1080x	15x - 540x to 30x - 1080x	15x - 540x to 30x - 1080x	15x - 540x to 30x - 1080x	15x - 540x to 30x - 1080x
Capacity mm (inches)	1050x1050x160 (41.3x41.3x6.3)	1050x1050x250 (41.3x41.3x9.8)	1050x1050x400 (41.3x41.3x15.7)	1650x1050x160 (65.0x41.3x6.3)	1650x1050x250 (65.0x41.3x9.8)	1650x1050x400 (65.0x41.3x15.7)
Machine Size mm (inches) Weight	2000x1720x1650 (79x68x65) 2700kg (5940lbs)	2000x1720x1850 (79x68x73) 2750kg (6050lbs)	2000x1720x2000 (79x68x79) 2850kg (6270lbs)	2600x1720x1650 (103x68x65) 3450kg (7590lbs)	2600x1720x1850 (103x68x73) 3500kg (7700lbs)	2600x1720x2000 (103x68x79) 3600kg (7920lbs)
Shipping Size mm (inches) Weight	2250x1970x1900 (89x78x75) 3350kg (7370lbs)	2250x1970x2275 (89x78x90) 3450kg (7590lbs)	2250x1970x2275 (89x78x90) 3550kg (7810lbs)	2900x1970x1900 (115x78x75) 4300kg (9460lbs)	2900x1970x2275 (115x78x90) 4400kg (9680lbs)	2900x1970x2275 (115x78x90) 4500kg (9900lbs)

Preliminary specifications, subject to change without notice.
Z Accuracy is mechanical accuracy; focus accuracy depends on the part surface.
On-Screen zoom range depends on monitor size and resolution.
We reserve the right to change product specifications without notice.

REV.C



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