

Specification (2D CMM)

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Model	46-80
Machine Type	Moving Bridge
Operating Mode	DCC(Direct computer Control)
Guide method	X&Y Axes Air bearing Z Axis Linear guide
Measuring Range	
X axis mm(inch)	800 (31.4")
Y axis mm(inch)	800 (31.4")
Z axis mm(inch)	200 (7.8")
Overall Dimensions(in mm)	
Length	1450
Width	1430
Height	550
Length Measuring System	Reflective linear encoder
X& Y Axes Accuracy in μm	5 + (L/300)
Z Axis Accuracy in μm	3 + (L/150)
Resolution of Tape Scale in μm	0.5 μm /0.1 μm
Working Area(lxb) mm(inch)	1180x810(46.4"x31.8")
Machine Weight Kg(lb)	1000(2204)
Weight Capacity Kg(lb)	35 kg
Air Supply	Supply Pressure 6-10 bar,Pre filtered
Power input Kva	2
Operating Voltage	180-230VAC,50Hz
Operating Temperature	20 $^{\circ}\pm 1^{\circ}\text{C}$
Humidity	40 to 60%
Video	HI-Res Colour
Illumination Source	White/Red light
Lighting	Surface & Profile
Optics/Magnification	4:1 Manual/~30x - 120x
Software	QC5000