

JAMES PRECISION ENGINEERING PTE LTD

27 Woodlands Industrial Park E1, #02-06 Hiangkie Industrial Building IV, Singapore 757718
 Tel: (65)63673787 Fax: (65)63664428
 E-mail: jamespl@singnet.com.sg
 web: www.cmm.com.sg



3D COORDINATE MEASURING MACHINE (CWB-450V)

Manual & CNC-controlled, high-precision measuring machine is throughout the measuring range. It could be placed anywhere in the shop where instant 3D inspection are needed. It could replace the need for hand tools as height gages, calipers and plug gauge. This model is also included in the mass concept that incorporates the need for multifunctional measurement. It thus enables both contact and optical measurements.



	CWB-450	CWB-450V
MEASURING TRAVEL	400x450x250 mm (X,Y,Z)	400x450x250 mm (X,Y,Z)
RESOLUTION	Renishaw Linear Scales 0.001 mm	Renishaw Linear Scales 0.001 mm
SOFTWARE	IK 5000+Win-XP	IK 5000-VED+Win-XP
HARDWARE	PC+19" LCD Color Monitor	PC+19" LCD Color Monitor x2
NON-CONTACT VISION		1/3" Color CCD+ZOOM
ZOOM magnification		10x...100x (Option 20x~200x)
SURFACE LIGHT		White LED
AUTO-FOCUS		
TRIGGER PROBE	Renishaw MCP or MH20i (option)	Renishaw MCP or MH20i (option)
Z AXIS BALANCE	Counter Weight	Counter Weight
OPERATION	Manual	Manual
DRIVE		
TRANSMISSION	Linear Guideway+Drive Nut	Linear Guideway+Drive Nut
ACCURARY	U1=2+L/200 um ; U3=4+L/100 um (Temperature 20°c±1) Humidity: 55~65%	U1=2+L/200 um ; U3=4+L/100 um (Temperature 20°c±1) Humidity: 55~65%
GRANITE PLATES	DIN. 876, 0 GRADE (AREA 590x850 mm)	DIN. 876, 0 GRADE (AREA 590x850 mm)
DEMO-PARTS HEIGHT	250 mm	250 mm
DEMO-PARTS WEIGHT	120 kgs	120 kgs
MACHINE DIMENSIONS	92x97x204 cm (Including Stand Frame)	92x97x204 cm (Including Stand Frame)
APPEARANCE	192x97x204 cm (Including PC Table)	192x97x204 cm (Including PC Table)
MACHINE WEIGHT	550 kgs	570 kgs