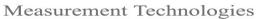
## METRIC





Sales & Services of Metrology Products | Calibration & Inspection | Mfrs. of Spl. purpose Gauges & Fixtures | Training & Consultancy

## HT 600 - TECHNICAL DATA SHEET

	DESCRIPTION	PACKAGE MODEL – HT 600 [FLOOR MOUNTED]	
	SCREEN SIZE	600mm - Frameless Screen & with Fine Cross Hair Line	
MACHINE DYNAMICS	WORK STAGE BASE	Satin Chrome Plated – Hardened Steel Base	
	WORK STAGE SIZE	600 x 240mm	
	MEASURING STROKE (X&Y )	400 x 250mm [Motorized]	
	LINEAR RESOLUTION	0.001mm	
	ANGULAR RESOLUTION	1 Minute / 0.01 degree	
	MAGNIFICATION DEVICE	10X Lens (Turret Mounted)	
	VIEW FIELD	<60mm for 10X	
	ILLUMINATION STRUCTURE	<ul> <li>Profile Illumination</li> <li>Surface Illumination – by Fiber Optic light source</li> <li>Stepless intensity variation</li> <li>Dim &amp; Bright Regulator</li> <li>Fluorescent Color Bulb (with UV Green Filter)</li> </ul>	MODEL – HT600 (FLOOR MOUNT
	MEASUREMENT ACCURACY	• 3.5 μm+L/55 μm (L in mm)	
	ILLUMINATION ACCURACY	• Profile: 0.05% / Surface: 0.075%	MAGNIFICATION LENS
	LOAD CAPACITY	• 50 kg - on work stage	
	MACHINE WEIGHT	• 800 kg (approx)	
DATA PROCESSOR	2D – MULTI FUNCTION DIGITAL DATA PROCESSOR (ELECTRONICA, EL-500)	<ul> <li>Measure, Preset and Construct elements</li> <li>Line, Circle, Angle, distance, rectangle</li> <li>Axis Skew function</li> <li>Polar &amp; Cartesian Co-ordinate system</li> <li>Data Storage (Permanent &amp; Temporary)</li> <li>Part Programming</li> <li>Error Compensation Facility on Calibration</li> <li>Outputs – RS232</li> </ul>	-10280 X - 10280 X - 2015 X -
CERTIFICATION	PRODUCT CERTIFICATION ON ACCURACY	<ul> <li>Certification by Metric's NABL Accredited Calibration Laboratory by using PYSER – SGI, UK make Calibration masters such as Linear Glass Scales and Angular Glass Scales traceable to National Standards.</li> <li>Calibration Performed on         <ul> <li>Linear Axes Accuracy</li> <li>0 – 360 degree Angular Accuracy</li> <li>Quadrant wise Magnification Accuracy.</li> </ul> </li> </ul>	NABL Accreditation Certificate No : C-0570