



MSTC -1000

Measuring Scale & Tape Calibration System



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Calibration unit for Precision measuring scales, rules and measuring tapes.



With Spool
(Optional Accessory)

Features :

- Cost effective calibration unit.
- Most advance digital Imaging technology
- High Precision digital incremental measuring system with 0.001 mm resolution as reference.
- Stable & Robust measuring structure designed for user friendly operation.
- Powerful Software assisted measurement and evaluation system.

Applications :

- For checking scale and measuring tapes.
- Comparison of digital image with 10X Magnification.
- Loading System :
Tapes are clamped at their start (or other position) and fixed or counter set. Clamped section of the tape become exposed to a drawer load.
- Stable & Robust measuring structure designed for user friendly operation.
- Steel rules are clamped and counter set against their reference side.

Technical Specifications:	
Measuring Range	
Absolute	1000 mm
Resolution	0.001 mm
Drawer load	20N & 50N±10%
Performance data	
Resolution	0.001 mm
Measurement Uncertainty	(±10 + L/100) μm
Coefficient of Thermal Expansion	11.5 μm/m/°C.

Technical Specifications:	
Dimensions, weight and operational conditions	
L x W x H	1450 x 300 x 700 mm
Weight (kg)	50 kg
Power supply	230 VAC / 115 VAC 50Hz
Display System	PC based

Octagon Software.

- Features :
- Online Data Acquisition
 - Selectable measuring steps
 - Graphical presentation
 - Tabulated measurement Results.



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