

Coating Thickness Gauge TT220

- Integrated probe F
- Magnetic induction measuring principle
- Any non-magnetic coating on ferrous substrates
- Measurement modes: continuous/single
- Automatically shut-off
- Real time or batch printing with TA-220s printer
- Automatic calculation: Mean/Max/Min?No./S.Dev



Technical Specifications	
Measuring range	0-1250 μ m
Resolution	1 μ m
Accuracy(H=nominal value)	$\pm(3\%H+1)\mu$ m
Zero-point calibration	$\pm(1\%-3\%H+1)\mu$ m
Two-point calibration	
Statistics	Ave. (MEAN),Max.,Min.,number of measurements (NO.),standard deviation (S.Dev.)
Sample	Min. radius workpiece convex 1.5
	Min. measuring area 7mm diameter
	Min. sample thickness 0.5mm
Operating temperature	0-40°C
Power Supply	NIMH battery 3.6V
Dimensions	150mm x 53mm x 22mm
Weight	150g

- Standard Delivery
- Main Unit-----1
 - Charger -----1
 - Calibration foil set-----1
 - Pocket case -----1
 - Instruction manual -----1
 - TIME certificate-----1
 - Warranty card-----1
 - Carrying case-----1
- Optional accessories
- Printer TA220s with cable

Surface Roughness Tester TR110

- Developed Model of TR100, more fashionable appearance!
- Large LCD with backlight.
- Protective slide for pick-up.
- Pocket-sized & economically priced.
- Large measuring range suitable for most materials.
- Both Ra and Rz parameters in one instrument.
- Features external calibration at keyboard.
- Standard conform ISO and Din.
- Rechargeable Li-ion batteries, work while charging.



Technical Specifications	
Roughness parameter	Ra, Rz
Tracing length	6mm
Tracing speed	1.0mm/sec
Cut-off lengths	0.25mm/0.8mm/2.50mm
Evaluation length	1.25mm/4.0mm/5.0mm
Measuring range	Ra:0.05-10.0 μ m Rz 0.1-50 μ m
Accuracy	$\pm 15\%$
Repeatability	< 12%
Filter	RC analogue
Pick-up	Piezoelectric
Stylus tip	Diamond, radius 5 $\pm 1\mu$ m Angle:90°(+5° or -10°)
Operating temperature	0-40°C
Relative humidity	< 80%
Storing temperature	-25°C-60°C
Verilation	Grade 3
Power Supply	3.6V Li-ion battery
Changer	DC6V,3 hours (recharging time)
Dimensions (LxWxH)	110x70x24mm
Weight	200g

- Standard Delivery
- Main Unit-----1
 - Roughness test plate Ra-----1
 - Charger -----1
 - TIME certificate-----1
 - Instruction manual -----1
 - Warranty card-----1
 - Carrying case-----1
- Optional accessories
- None

Precision Bench Centers

Suitable for inspecting and measuring or diametrical run out for cylinder-shaped and disk-shaped fittings and also for tube fittings, saw blades, millings cutters etc with corresponding accessories installed.



PBX-5017

Model No.	Distance Between Centre And Centre Height	Dimensions (mm)	Weight (kg)
PBY5017	500 x 170	938 x 332 x 478	69
PBY10017	1000 x 170	1450 x 332 x 478	110
PBY5028	500 x 280	1050 x 415 x 830	107
PBY15020	1500 x 200	2124 x 660 x 400	1000
PBY20025	2000 x 250	2900 x 590 x 650	1000

Model No.	OAL	Center Dist.	Max.Swing
BC-710	27-1/2"	16"	12"
BC-711	47"	30"	19"

Bench Projector

A. Applications:
The model 1320 Bench-top profile projector is specially designed for inspection and measurement of lengths, angles, contours and surfaces of relatively small objects on the bright screen. It is widely used in instrument and mechanical industries and is an ideal optical metrology system for small and complicated workpiece.

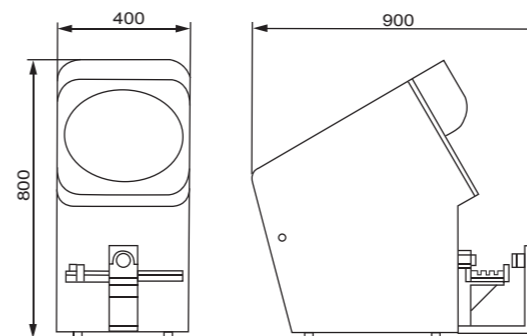
- B.Features:**
- Fashionable construction, user-friendly operation and reliable quality
 - Compact workstage with two dial indicators for measuring travels of X and Y directions
 - Two ways of transmitted and reflected illuminations meeting your particular measuring requirement
 - Complete set of the objective lens magnifications for different measuring range
 - Projection lens for a large view field and sharp image at the optimum intensity of brightness



Model No.: BP-1302

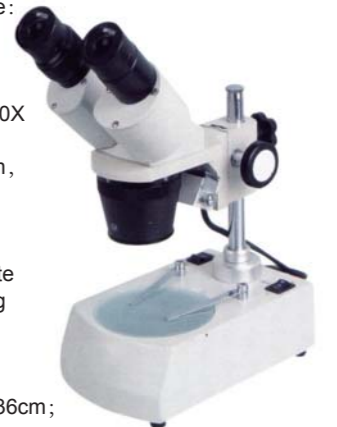
- C.Specifications:**
- Screen diameter.....14"(355.6mm)
 - Magnification of objective lens.....choose whichever of 10 x ;20 x ;40 x
 - Max. object diameter.....1.4" (ϕ 35.6mm)
 -0.7" (ϕ 17.8mm)
 -0.35" (ϕ 35.6mm)
 - Measuring travel of workstage.....(X-axis) 6"(152.4mm)
 -Elevation (Y-axis) 2"(50.8mm)
 -(Focusing movement)1" (25.4mm)

- D.Standard equipment:**
- Basic unit.....1pc
 - Dial indicator.....2pcs
 - Projection lens(choose whichever 10 x ,20 x and 40 x).....1pc
 - Scale division of dial indicator.....0.001" (inch system)
 -0.01mm (metric system)
 - Measuring range of dial indicator.....0~1" (inch system)
 -0~30mm (metric system)
 - Protractor graduation.....5"
 - Net weight of instrument.....32kg
 - Gross weight of instrument.....42kg
 - Overall dimensions of packing box(LXWXH)100mm x 500 x 820mm
 - Projection screen.....14" (355.6) 1pc
 - Bulb for transmitted illumination (12V50W).....1pc
 - Bulb for reflected illumination (12V50W).....1pc



NEW Stereo Microscope

Objective: Grouped From Any Two Objectives of 1X, 2X, 3X and 4X, Working Distance: 1X-55mm, 2X-81mm, 3X-61mm, 4X-57mm
Wide Field Plane-Scope Eyepiece: WF10X, WF15X (Optional)
Total Magnification: 10X-20X, or 10X-30X, or 10X-40X, or 20X-30X, or 20X-40X, or 30X-40X
Articulated Free Binocular Head, Interpupillary Distance: 55-75mm, 45° Inclined;
Illumination: Top/ Bottom Light: 12V/10W Halogen Lamp, with ϕ 95mm Frosted Glass Stage Plate Rack and Pinion Coarse Focusing Mechanism With Slip Clutch and Tension Adjustment
Net Weight/Set: 2.4kg;
Package: 4 Sets/Carton61X35X36cm;
Gross Weight/Carton: 11kg



Model No.:XTD-3C

Objective: Grouped From Any Three Objectives of 1X, 2X, 3X and 4X, Working Distance: 1X-55mm, 2X-81mm, 3X-61mm, 4X-57mm
Wide Field Plane-Scope Eyepiece: WF10X, WF15X (Optional)
Articulated Free Binocular Head, Interpupillary Distance: 55-75mm, 45° Inclined; Illumination: Top/ Bottom Light: 12V/10W Halogen Lamp, with ϕ 95mm Frosted Glass Stage Plate Rack and Pinion Coarse Focusing Mechanism With Slip Clutch and Tension Adjustment
Net Weight/Set: 2.4kg;
Package: 4 Sets/Carton61X35X36cm;
Gross Weight/Carton: 11kg



Model No.:XTD-6C

Objective: Grouped From Any Two Objectives of 1X, 2X, 3X and 4X, Working Distance: 90mm
Wide Field Plane-Scope Eyepiece: WF10X, WF20X (Optional)
Total Magnification: 10X-20X, or 10X-30X, or 10X-40X, or 20X-30X, or 20X-40X, or 30X-40X
Articulated Free Binocular Head, Interpupillary Distance: 55-75mm; 45° Inclined, 360° Rotatable Stage: ϕ 75mm Black-white Reversible Stage Plate and ϕ 75mm Frosted Glass Stage Plate Rack and Pinion Coarse Focusing Mechanism With Slip Clutch and Tension Adjustment
Illumination: Top Light-6V/20W Halogen Lamp, Bottom Light-20W Incandescent Lamp
Net Weight/Set: 4kg;
Package: 2 Sets/Carton48X30X38cm;
Gross Weight/Carton: 11kg



Model No.:PXS-B