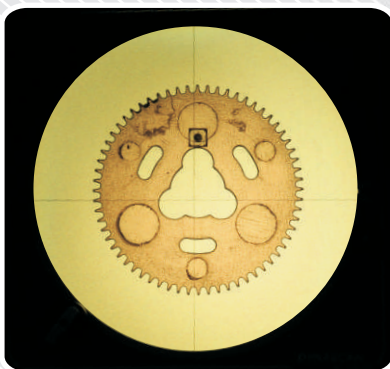


DYNASCAN

PROFILE PROJECTOR MODEL PM 500 EX

COLOUR IMAGE



**Colour Image of
Plastic Part**

**Model PM500 EX
Medium Duty
Extended Work Stage**

Model PM 500 EX : Floor Standing vertical light path Model, 500mm screen (480mm effective area), advanced Digital Read Out for measurements of X, Y, Angles, Lines, Distances, Circles, Skew as standard. Suitable for medium weight components like gears, connecting rods, cam shafts, blankings and so on. Options include a Geometric Data Processor or full fledged Computer System with Edge Detector for data capture, reverse engineering, generation of drawings by tracing, tolerancing and SPC.

SPECIFICATIONS	PM 500 EX
SCREEN: FINE GRAIN GROUND GLASS	500MM DIA. (480MM EFFECTIVE AREA)
LENS AXIS	VERTICAL
ELECTRONIC PROTRACTOR	SWITCHABLE DEGREE/DECIMAL, 1 MINUTE/0.01 DEGREE. DISPLAY RANGE: +/-360 DEGREE, ABS/INC, ZERO SETTING
MAGNIFICATIONS	3 STATION TURRET FOR SAFETY, EASE OF USE
STANDARD	10x
OPTIONAL	20x, 25x, 50x, 100x
ACCURACY (ON SCREEN)	0.05% ON PROFILE AND SURFACE
WORK STAGE TABLE TOP AREA	380x280MM, TWO T-SLOTS; X AND Y-AXIS QUICK RELEASE
MEASURING RANGE X/Y AXIS	300x200MM
FOCUSING (MAX. COMPONENT HEIGHT)	200MM (MOTORIZED FOCUSING TRAVERSE-VERTICAL)
DIMENSIONS (APPROX) LxBxH IN MM	1100 x 900 x 1900
RESOLUTION	0.001MM
ACCURACY	+/- (2+L/100)µM
MEASURING SYSTEM	BUILT IN LINEAR ENCODERS
ADVANCED DIGITAL READ OUT	ZERO SETTING, INCH/MM, ABS/INC, MEASUREMENT OF X, Y, ANGLES, LINES, DISTANCES, CIRCLES, SKEW
PROFILE LAMP	ONE 250 W, 24 V
SURFACE LAMPS	TWO 250 W, 24 V
ILLUMINATION SYSTEM	ALL BULBS INDEPENDENTLY FAN COOLED. HIGH INTENSITY, TWIN BEAM DIRECT SURFACE ILLUMINATION WITH INTENSITY CONTROLLERS FOR VARIABLE BACKGROUND/FOREGROUND LIGHTING, SOFT START SMPS
POWER SUPPLY: AC 1 PHASE, 230 V, 50Hz	950 W
MASS	275 KG APPROX.
OPTIONAL ACCESSORIES	ROTARY TABLE, INCLINABLE CENTRES, V BLOCK WITH CLAMP GEOMETRIC DATA PROCESSOR, FIBRE OPTIC AUTO EDGE DETECTOR, DGMS-4 SOFTWARE, OVERLAY CHARTS

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