

PROFILE PROJECTORS

RPP-3000 Series

PROJECTION CAPACITY

Magnification/Objective Field of View, Diameter Working Distance	Contour Illumination				Surface Illumination			
	10x	20x	50x	100x	10x	20x	50x	100x
	30mm	15mm	6mm	3mm	30mm	15mm	6mm	3mm
	65mm	32mm	12mm	5mm	65mm	32mm	12mm	5mm

MODEL NUMBERS & SPECIFICATIONS

Model No.	RPP-3000	RPP-3000DM	RPP-3000DR
X-Y Range	50x50 mm.	50x50 mm.	200x100 mm.
Effective Table Area	125x125 mm.	125x125mm.	275x180mm.
Measuring Unit	Micrometer Heads*	Digimatic Micrometer Heads	Built-in Linear Scales
Resolution	0.01 mm.	0.001 mm.	0.001mm/0.00005"
X-Y Counter	No	No	Yes
Digital Angle Counter	No	No	Yes
Optical Edge Detector	No	No	No
Rotary Measuring Stage	Yes, Stage Glass Dia. 70 mm.	Yes, Stage Glass Dia. 70 mm.	Optional
Table Type & Size	SS 150 x 150 mm.	SS 150 x 150 mm.	Al. 300 x 200 mm.
Maximum Workpiece Height	125 mm.	125 mm.	115 mm.
RPP Software	No	No	No
Dimensions / Weight	45 x 82 x 112 cms. / 75 Kgs.	45 x 82 x 112 cms. / 75 Kgs.	45 x 82 x 112 cms. / 95 Kgs.

MODEL NUMBERS & SPECIFICATIONS

*0-25mm. *With the use of gauge blocks

Model No.	RPP-3000DRS	RPP-3000DRSW	RPP-3000DPS
X-Y Range	200x100 mm.	200x100 mm.	200x100 mm.
Effective Table Area	275x180 mm.	275x180mm.	275x180mm.
Measuring Unit	Built-in Linear Scales	Built-in Linear Scales	Built-in Linear Scales
Resolution	0.001 mm./0.00005"	0.001 mm./0.00005"	0.001mm/0.00005"
X-Y Counter	Yes	Yes	Yes
Digital Angle Counter	Yes	Yes	Yes
Optical Edge Detector	No	No	Yes
Rotary Measuring Stage	Optional	Optional	Optional
Table Type & Size	SS 300 x 200 mm.	SS 300 x 200 mm.	SS 300x200mm.
Maximum Workpiece Height	115 mm.	115 mm.	115 mm.
RPP Software	No	Yes	No
Dimensions / Weight	45 x 82 x 112 cms. / 75 Kgs.	45 x 82 x 112 cms. / 75 Kgs.	45 x 82 x 112 cms. / 75 Kgs.

Measurement Units available in Inch/mm

DR : Digital Readout DRS : DR with Stainless Steel Stage
DRSW : DRS with Software Al. Aluminium SS : Stainless Steel
DPS : Stainless Steel Stage with Data Processor

Rotating Turret is available with 2/3 Objectives
Additional Work Stage Sizes available on request.
Available in 110 Volt and 220 Volt models.
Optional Accessories are available on request

Manufacturers & Exporters :

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As we are continuously improving & developing our products, equipment supplied may be advanced in details than the description and/or illustrations shown in this Catalogue.

PROFILE PROJECTORS



RPP-3000 Series

It is a bench Profile Projector suitable for all types of measurements and inspections in different industries. The equipment ensures high accuracy in dimensional measurements and surface inspections.

The screen has cross on fine ground glass screen, rotatable through 360° with vernier reading to one minute of an arc and having detachable clips to hold comparator charts. The precision Micrometer Measuring stage with Rotary measuring stage is mounted on the table. The circular graduated scale is divided into 360° in steps of one degree with vernier reading to 6 minutes. Lifelong smooth movement is assured by the incorporation of hard steel balls both in longitudinal and transverse slides.

High resolution objective lenses specially designed for profile projection under telecentric illumination minimize residual distortion to 0.1%. The basic instrument is supplied with 10x, a multielement coated projection lens. V-Mounts for easy interchangeability of objective lenses are provided. Projection accuracy $\pm 0.1\%$ in case of contour and $\pm 0.15\%$ in case of surface is maintained. Wide choice of available accessories enhance the scope of applications in various fields.