

Toolmaker Measuring Microscope with X-Y Travel 25 x 25mm



iMeas-505 is widely used in mechanical, meter, electronic and light industry; university, Institute and metrology department. The measuring profile projector can detect the contour dimension and surface shape of variety complex workpiece, such as templates, punching pieces, cams, threads, gears, molding milling cutters.

Features:

Monocular(Diopter Adjustable),Depression angle:30°;
 90°Broken Gross-Reticule;
 Tungsten bulb(24V;2W),Lightness Adjustable;
 Max.Magnification:150× (Φ0.13mm) (15×Eyepiece+10×Objective) .
 Available to Install Mitutoyo Micrometer 164-163 to become iMeas-505D.

Specifications:

Model	iMeas-505
Metall Stage Size	96 x 96mm
Glass Stage Size	152 x 152mm
Working Travel	25 x 25mm
Resolution of Micrometer	Mechanic 2um
Measuring Accuracy	≤5um
Max.Height of Specimen	115mm
Max.Weight of Specimen	2kg
Max.Magnification	150× (Φ0.13mm) (15×Eyepiece+10×Objective)
Min.Magnification	20× (Φ6.5mm) (10×Eyepiece+2×Objective)
Standard Magnification	30× (Φ6.5mm) (15×Eyepiece+2×Objective)
Standard Working Distance	67mm
Eyepiece	Monocular(Diopter Adjustable),Depression angle:30°
Eyepiece Protractor	Range:360°;Graduation:1°
Vernier angle Reading	6'
Reticule	90°Broken Gross-Reticule
Illumination	Tungsten bulb(24V;2W),Lightness Adjustable
Power Supply	AC90V-240V, 60Hz/50Hz
Dimension(D×W×H)	210 x 333 x 391mm
Packing Dimension(D×W×H)	415 x 315 x 420mm
Gross/Net Weight	18/14Kg

Standard Delivery:

15X Eyepiece	2X Objective	Mechanic Microemter Head(iMeas-505)
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Optional Accessories:

10X Eyepiece	5X Objective	10X Objective
Rotary Tables RT0	25mm Length Gauge	Built-in Reflected Bulb