



QS METROLOGY PVT.LTD

OPTI-COM VL 360 DR



Salient Features:

- Imported lenses are used to minimize the optical aberrations.
- Square column for better equilibrium of work stage
- Motorized Z axis movement for smoother focusing.
- Highly accurate work stage incorporating needle roller bearings for better life and accuracy
- Linear scales used are of the best international quality for better accuracy and reliability.
- Hard Chrome plated cross table with slots for clamping of accessories
- Laser marked etching on screen for angle and cross hair line, as provided by international companies.
- Xenon lamp Light source for better contrast & life
- Auto Sensing Mechanism offered along with Data Processor for better accuracy





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Specifications:

Model	OPTICOM VL 360	OPTICOM VL 400
Screen (mm)	360	400
Projection Lens	10 x 20 x 25 x 50 x 100 x	10 x 20 x 25 x 50 x 100X
Field of view (mm)	36 18 14.4 7.2 3.6	40 20 16 8 4
Working distance(mm)	115 97 70 53 43	115 97 70 53 43
Mounting of Lenses	Single Lens mount or Manually Indexable Turret for any three lenses.	
Contour Illumination	Variable Intensity 24V x 150W Xenon light source.	
Surface Illumination	24V x 150W dual Xenon Light source with forced ventilated cooling system.	
Magnification Accuracy	Contour : +/- 0.05%, Surface : +/- 0.1%	
Focusing	Centralized Needle roller guided hard chrome plated column with a motorized stroke of 100 mm	
Cross Table and Traverse	400 x 200 mm hard chrome plated needle roller guided cross table with traverse of 200 mm on 'X' axis and 100 mm on 'Y' axis	
Measurement Systems	DRO / Data Processor / 2D Windows Based Geometrical Measurement Software.	
Resolution	0.001 mm	
Angular Measurement	Vernier marking with 2 min. LC/ Digital Angular Protractor Optional.	

Standard Accessories

1. 360mm diameter frosted screen glass with laser marked protractor
2. Imported Lens : 20 X standard
3. Centralized needle roller guided column with motorized stroke of 100mm on focusing axis. (Imported DC motor)
4. Contour illumination and surface illumination
5. Cross Table 400 X 200 MM hard chrome plated needle roller guided cross table with traverse of 200 mm on X axis and 100 mm on Y axis
6. DRO system with linear scales of 0.001mm resolution.



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