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Manual Video Measuring Machine



Product Description

YF series is a economic manual video measuring machine, equipped with TEO color industrial CCD with high pixel.

VMM3D version measuring software designed by YIHUI company, offer basic measure function of point, line, circle, distance between two points, angle and etc. to meet basic 2D measure requirements; in addition, the measurement data can be input to EXCEL, WORD and TXT or output to DXF for CAD design.

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Product Feature

- 1. Granite base and stand can promise machine structure steady.
- 2. X, Y axis with optical scale ruler ensures accurate positioning.
- 3. Guiguang lens is kind of continuous lens zoom: 0.7-4.5X
- 4. LED cold light is both for top and bottom to avoid workpiece distortion.

Technical Parameters

| Model | YF-2010 | YF-3020 | YF-4030 | YF-5030 | |
|---|---|---|--|--|--|
| Metal table's size(mm) | 404*228 | 500*330 | 606*466 | 706*466 | |
| Glass table's size(mm) | 260*160 | 350*280 | 450*350 | 550*350 | |
| X.Y-Axis Stroke(mm) | 200*100 | 300*200 | 400*300 | 500*300 | |
| eight(kg) | 180 | 260 | 315 | 500 | |
| on(L)*(W)*(H) | 556*540*860 | 670*660*950 | 720*950*1020 | 800*1040*1020 | |
| Measuring System (Standard Accessories) | | Camera :TEO 1 / 3 Color CCD Camera | | | |
| | | Continuous zoom lens, Lens magnification :0.7 ~ 4.5X WD:92mm | | | |
| | | Total magnification:30~190X Object view:7~1.1mm | | | |
| | Double Cross Line Generator | | | | |
| | Data Resolution:0.001mm | | | | |
| | size(mm) Glass table's size(mm) X.Y-Axis Stroke(mm) eight(kg) on(L)*(W)*(H) | Metal table's size(mm) 404*228 Glass table's size(mm) 260*160 X.Y-Axis Stroke(mm) 200*100 eight(kg) 180 on(L)*(W)*(H) 556*540*860 Continuous zoo Continuous zoo | Metal table's size(mm) 404*228 500*330 Glass table's size(mm) 260*160 350*280 X.Y-Axis Stroke(mm) 200*100 300*200 eight(kg) 180 260 on(L)*(W)*(H) 556*540*860 670*660*950 Camera :TEO 1 / Continuous zoom lens, Lens magnification:30~19 Total magnification:30~19 Double Cros | Metal table's size(mm) 404*228 500*330 606*466 Glass table's size(mm) 260*160 350*280 450*350 X.Y-Axis Stroke(mm) 200*100 300*200 400*300 eight(kg) 180 260 315 on(L)*(W)*(H) 556*540*860 670*660*950 720*950*1020 Camera :TEO 1 / 3 Color CCD Camera :TEO 1 / 3 Col | |

Z-axis Stroke (mm):150mm(focus)

The indication error of X,Y-axis \leq (3+L/200) μ m (L be regarded as measured length, units: mm)

Lighting: Surface light and transmission light are used LED, brightness adjustable Power:220/110V(AC),50HZ 30W

Applied Fields

Mobile fittings, home appliances, connector, machine fittings, precision fixture, plastic, hardware, circumjacent fields of computer and so on.