

Machine Name : Roundness measuring instrument

Brand : Mitutoyo

Machine Model : RA-120

Stock No. : 491942

Ex-factory Date : The Ex-factory date 2018



Main Technical Parameters:

Direction of radius: $(0.04+6H/1000)$ μm

Axis direction: $(0.04+6X/1000)$ μm

speed: 6rpm

Worktable diameter: 150mm

Maximum load: 25 kg

Centering adjustment range: plus or minus 3mm

Horizontal output adjustment range: plus or minus 1 degree

Maximum measuring diameter: 280mm

Maximum clamping diameter: 440mm

Moving mode: Manually move up and down

travel: 280mm away from the surface of workWorktable

Maximum measurement height: 280mm from the surface of workWorktable

Maximum measuring depth: 100mm (Internal diameter 30mm or more)

Radius direction movement: negative 25-140mm

Measured force: 100mN (plus or minus 30%)

Sampling points: 3600 points/turn

Detection range: + / -1000, + / -100, + / -10 μm (3 stages)

Measuring range: + -1000, + -500, + -200, + -100, + -50, + -20, + -10, + -5um

Magnification: x 5-200 k times (15 segments)

Can measure the roundness, coaxial degree, concentricity, plane degree, circular degree, straight Angle, off-roundness, parallel degree and so on



