

MI 500 & 800

Specifications

- Measuring Travels (CNC)
MI 500 - 500 x 500 x 250mm (X,Y & Z)
MI 800 - 800 x 600 x 250mm (X,Y & Z)
- External Dimensions
MI 500 -1115(W) x 1424(D) x 1819(H) mm
MI 800 -1415(W) x 1624(D) x 1824(H) mm



- Accuracy
MI 500
 $E_2=(2.5 + L/250)\mu\text{m}$ (XY)
 $E_1=(4.0 + L/250)\mu\text{m}$ (Z)
 $E_3=(3.0 + L/200)\mu\text{m}$ (touch probe - optional)
MI 800
 $E_2=(3.0 + L/250)\mu\text{m}$ (XY)
 $E_1=(4.0 + L/250)\mu\text{m}$ (Z)
 $E_3=(3.5 + L/200)\mu\text{m}$ (touch probe - optional)
- Resolution
0.1 μm
- Max Velocity
300 mm/s 3D vector
- Max Acceleration
1500 mm/s/s peak per axis
2598 mm/s/s peak vector
- Max Touch Acceleration
200 mm/s/s
- Power Consumption
750 Watts
- Power Supply
110 or 240v 50-60 Hz
- Work Surface
Glass
- Maximum Workpiece Load
50Kg
- CCD Camera
High-Resolution B&W for sharper image
1/2 inch format with 752 x 582 array
- Illumination
Ring Light - White LED
3 Tracks -4 Sectors(Programmable) Control
Pulse Width Modulation (PWM) Dimming
Coaxial Light - White LED
Back Light - White LED
- Lens (Navitar)
6.5:1 Programmable Auto Zoom Lens (0.7-4.5x)
Optional Auxiliary Lens 0.75, 1.5x
- Software
Virtual Vision+
- Options
Touch Trigger Probes, Laser Scanning Probe
Lens (Navitar)
12:1 Programmable Auto Zoom Lens(0.58-7.00x)
Coaxial Light
UV LED