OMS 200 Systems

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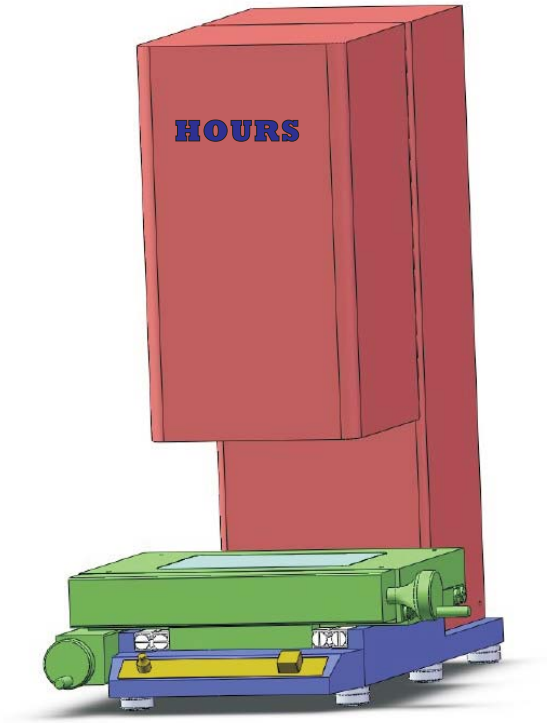
Visual Inspection Systems
Manual Measurement
CNC 2.5D Measurement
CNC 3D Measurement
Full Function Measurement
Digital Profile Projector
Laser Profiling Systems
Tool Microscope
Custom-Built Systems

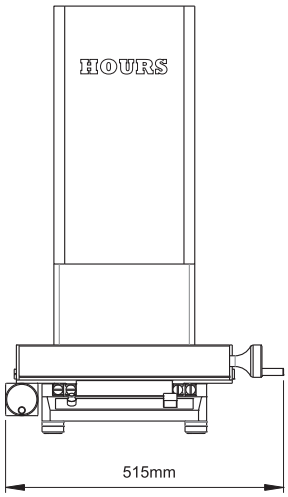
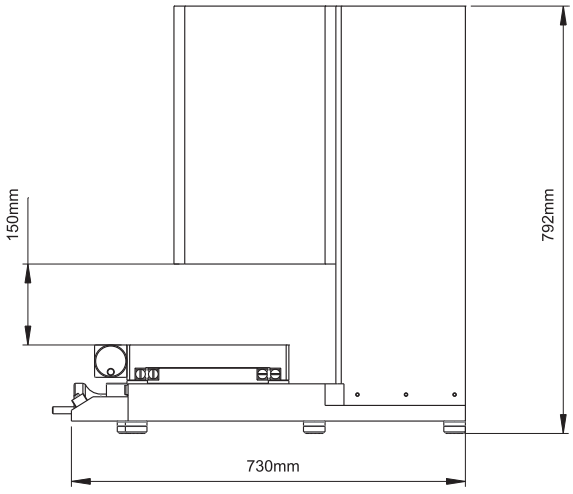


- Configure a System to Fit Your Needs and Budget
- OMS models 200 are precision instruments designed for easy focusing and part positioning.
- OMS systems are an excellent choice for inspection and measurement applications within the plastics, medical equipment and parts, automotive, aerospace, electronics industries and more.
- OMS Features:

·High-resolution digital B/W camera
·Precision Telecentric lens optics
·Mechanical bearing XYZ stages
·Magnification ranges
·Side-mounted Z axis adjustment
·Coarse/fine XY adjustments

- Large Travel Systems
- Manual X-Y positioning control, side-mounted Z-axis positioning with coarse and fine controls, Telecentric lens optics and a high-resolution digital B/W camera.
- Semi-Automatic Measurement Configuration
- Included is the programming capability of your OMS system to get consistent, repeatable results from every user. Vision software provides an extensive set of functions for general purpose dimensional measurement. Several illumination options. Complete control of illumination ensures the highest quality imaging.

X-Y AXIS	English Units	Metric Units
XY Travel	8" X6"	200X150mm
XY Accuracy (OMS 200)	E_2=(24+6L/1000)um	
Scale Resolution	0.00032"	8.0um
Z-AXIS		
Z Travel	6"	150mm
Z Accuracy	E_1=(20+8L/1000)um	
Scale Resolution	0.00020"	5.0um
OPTICAL PERFORMANCE		
Working Distance(with VectorLight)	4.3"	110mm
Magnification On 20" Monitor	35X	
Field of View	0.5"	12.8mm
PHYSICAL		
Load Capacity	50lbs	23kg
ENVIRONMENTAL		
Temperature,safe oprtating	59°F-86°F	15°C-30°C
Temperature to meet specifications	68°F±2°F	20°C±1°C

Options

- Monitors,keyboard,and mouse are optional
- LED backlight Illumination
- Manual Indexer,NIST Traceable Linear Scale,Optical Accessory Kit
- Reporting software