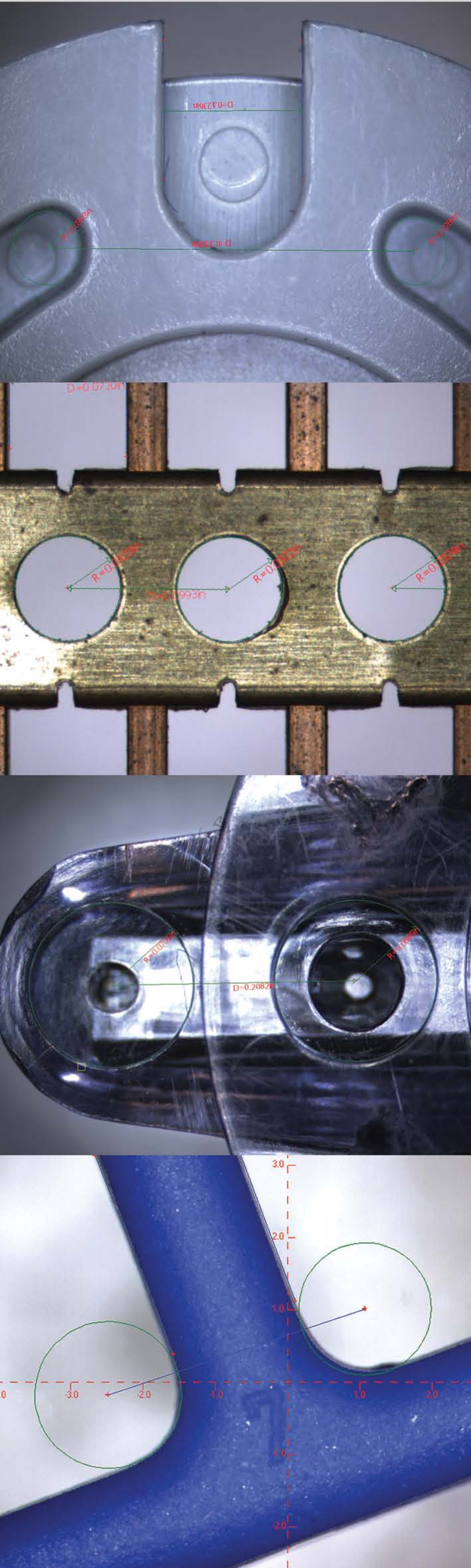


XT-2000 VMP Integral

1 Micron Resolution Integral Video Measurement System

The fully self contained XT-2000 VMP is an efficient compact floor standing model again featuring all granite structure and steel stage. As well the system is ergonomically designed with stage positioning, lighting and Z axis focusing right in front of the operator. Advanced intuitive edge detection software makes part measurement and easy to learn quick process. ScienScope measurement software is very easy to use, not requiring a dedicated specially trained operator .



Key features

- Precision Granite Base and Column
- 1 Micron Resolution Optical Encoder XYZ Scales
- 1/2" Color 1.3 Megapixel Live Imaging
- 23" LCD Widescreen Monitor
- Zoom Lens with magnification detent sensor. **NEW**
- Quick Lock/Release X/Y Steel Stage
- Software controlled Quad LED Top Light
- Collimated LED Back Light
- Intuitive visually controlled software
- Auto load image magnification calibration
- Self-contained
- 1 Year Full Warranty

Measurement Software User Interface (OVM-PRO)

640 x 480
Conventional Frame Grabber Resolution

1280 x 960
1.3 Megapixel Live Image Resolution

4X larger field of view (FOV)

- Program inspection sequence
- Multi or single point edge detection
- Large high resolution image
- Image capture with annotation
- Cross hair indicates edge transition
- Quick and easy measurement
- Measures point, line, circle, arc, angle, ellipse, B-splinecurve, center point, distance, and more
- Focus tool
- Multiple datums
- Import and export DXF files
- Large live image screen
- Includes PC, monitor, keyboard, & mouse

Programmed Light

CMOS Sensor Control

Focus Indicator

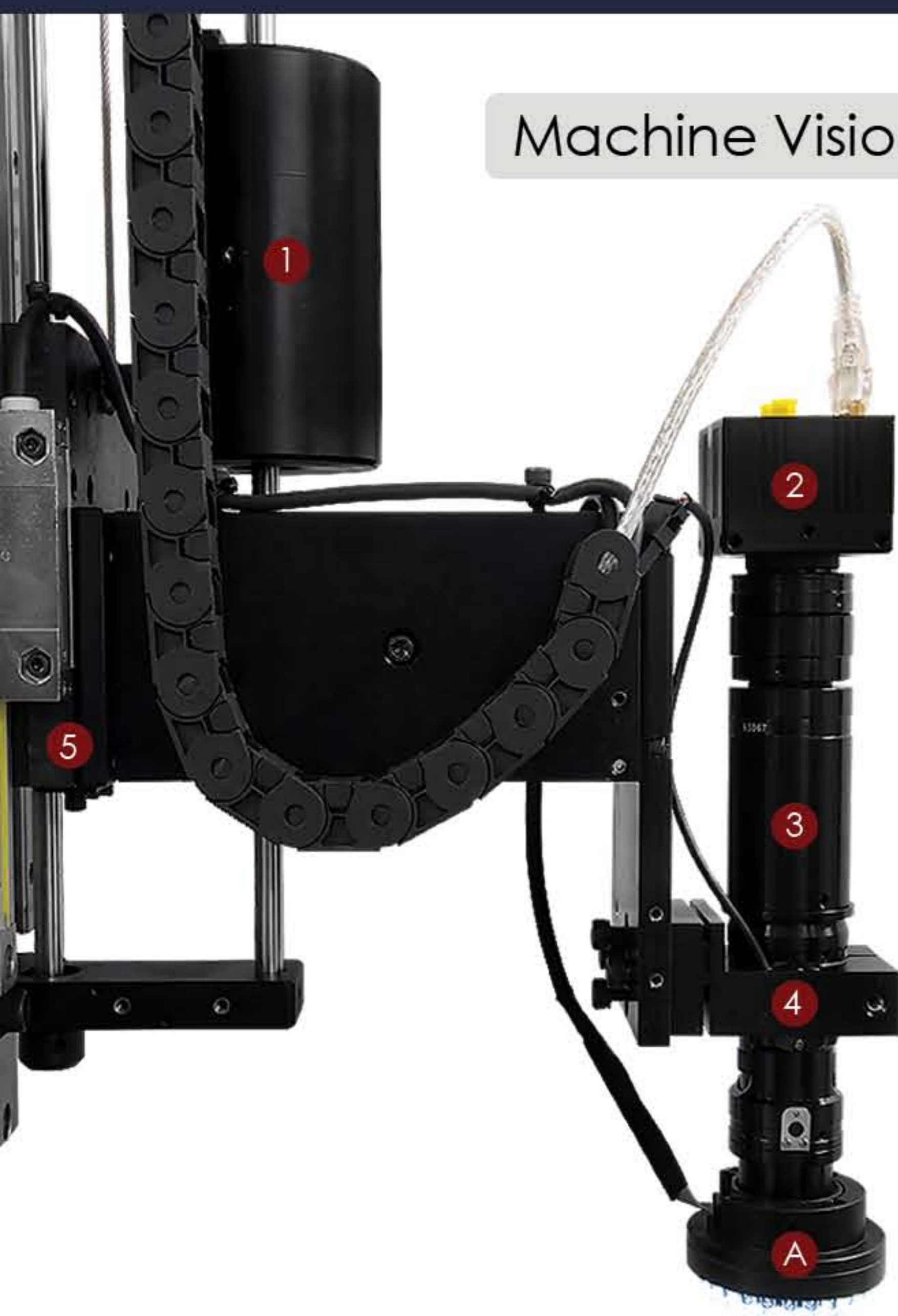
Ratio Control

Automatic Calibration File Loader

PRODUCT SPECIFICATIONS

XT-2000 VMP INTEGRAL

Machine Vision



1. Counter Weight
2. 1/2" color 1.3 megapixel USB Digital Camera
3. Zoom lens with detents
4. Lens Magnification Sensor
5. Built-in 1 micron resolution glass encoder scale (Z)

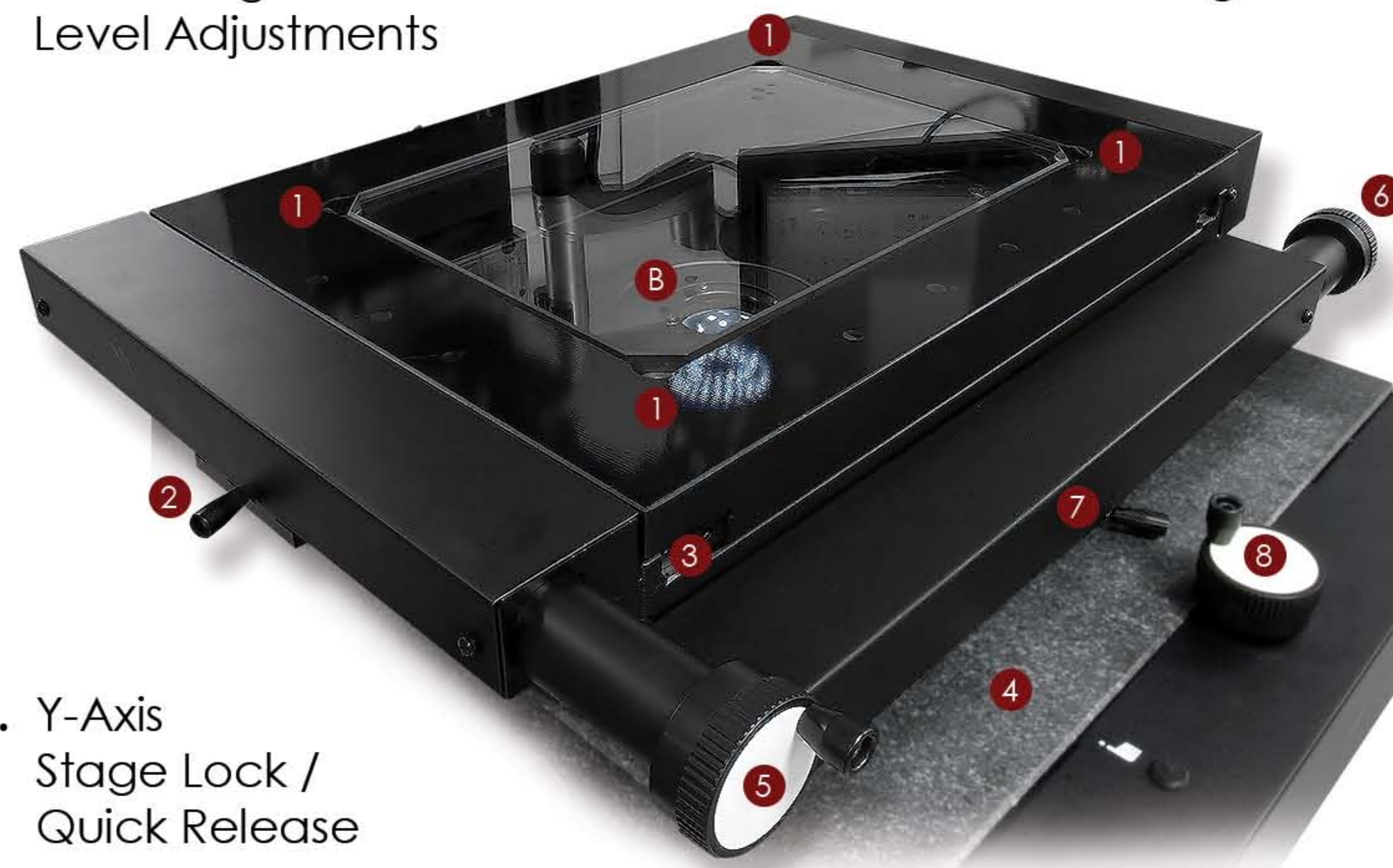
A. Quadrant 40-bulb LED Toplight



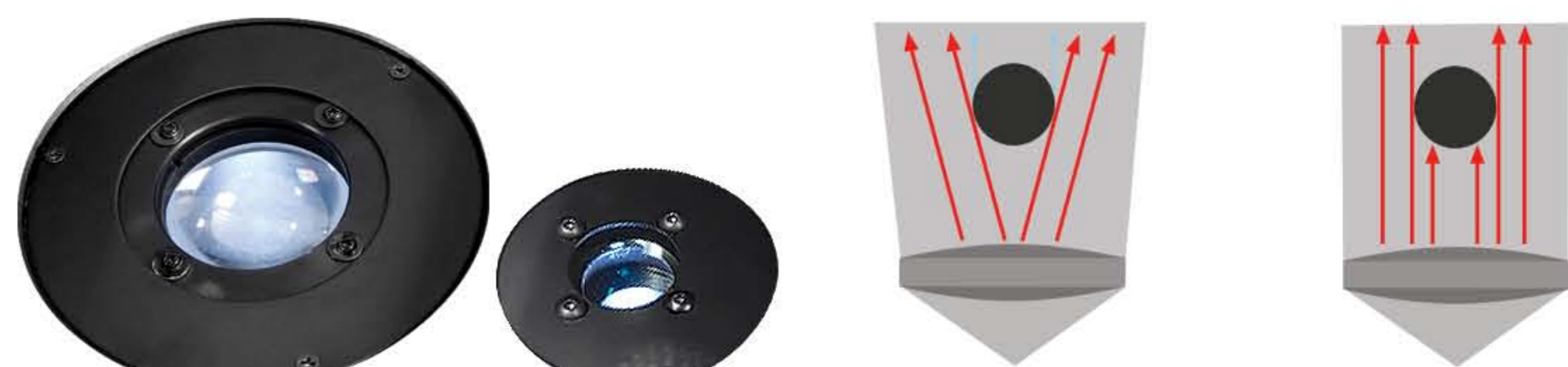
1/4 Circle 1/2 Circle 3/4 Circle Full Circle Double-sided

Stage

1. Glass Stage Level Adjustments
2. Y-Axis Stage Lock / Quick Release
3. Built-in 1 micron resolution glass encoder scale (X/Y)
4. Precision Granite base and column
5. Y-axis stage knob
6. X-axis stage knob
7. X-Axis Stage Lock / Quick Release
8. Z-axis focus knob



B. 4X Larger Lens with Collimated Backlight



Enlarged Lens

Legacy Lens

STANDARD LIGHT

COLLIMATED LIGHT
Produces high contrast silhouettes & increased illumination

Specifications

Model Numbers	XT-VMP 6108 XYZ QI	XT-VMP 8128 XYZ QI
Measuring Range	6" X 10" X 8"	8" X 12" X 8"
Magnification Calibration	Auto Load Image Magnification Calibration ^{NEW}	
Measurement Software Options	Scienscope OVM Pro or Lite	
Size (Include Base)	42" (L) x 32" (D) x 66" (H)	
Stage Load Capacity	66 lbs	
Standard Magnification	25X to 158X / Capable of up to 316X	
Illumination	Quad LED top & Collimated back light	
Power Supply	110V - 220V ± 5% 50/60HZ	
System Resolution	1 µm	
Accuracy (X/Y) at 20°C	(3+L/200) µm, L in mm	
Repeatability	± 1 µm	
Camera	1/2" Color USB 1.3 Mega Pixel Digital Camera	
Chasis	Free Standing Floor Model	



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SCAN TO RFQ