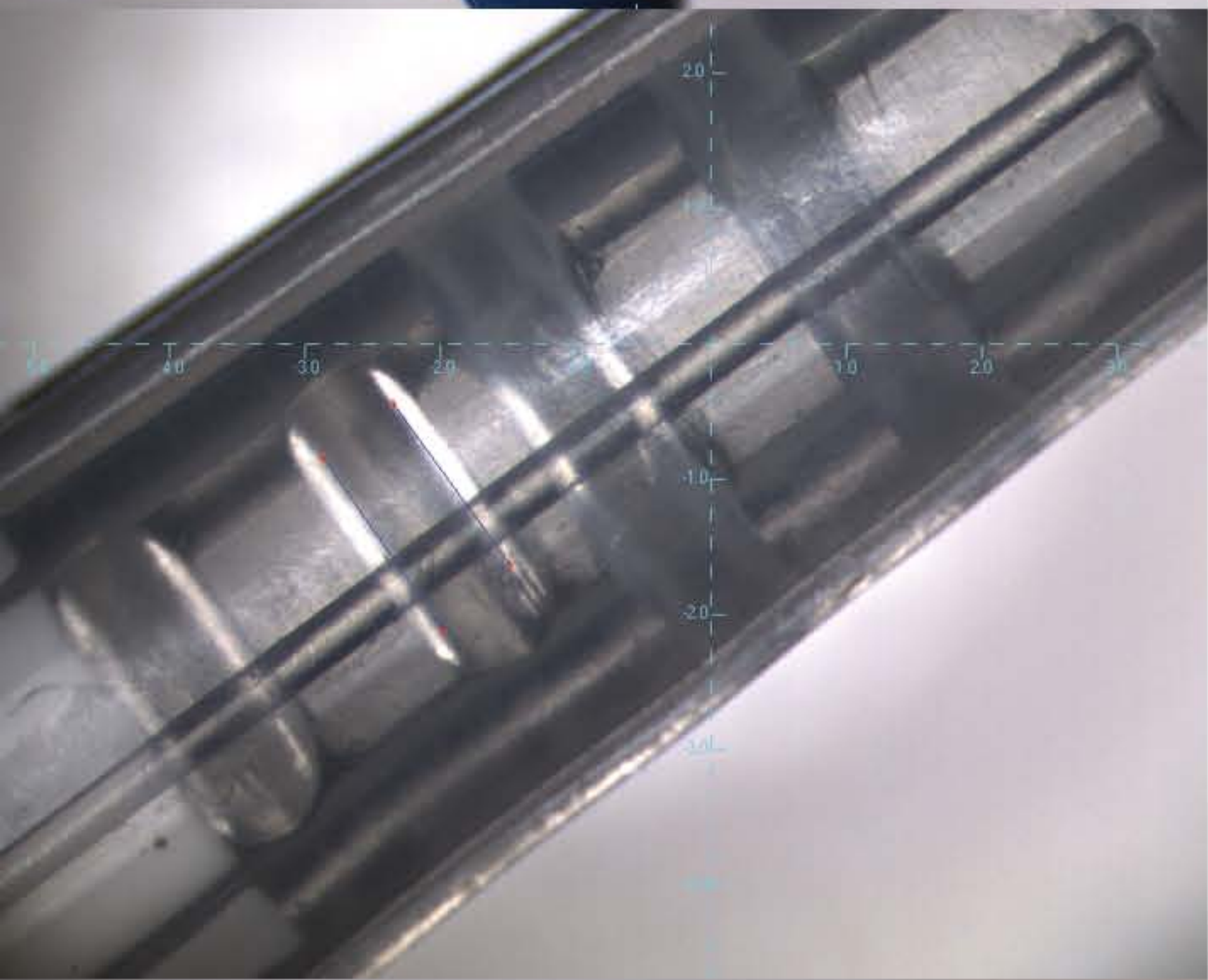
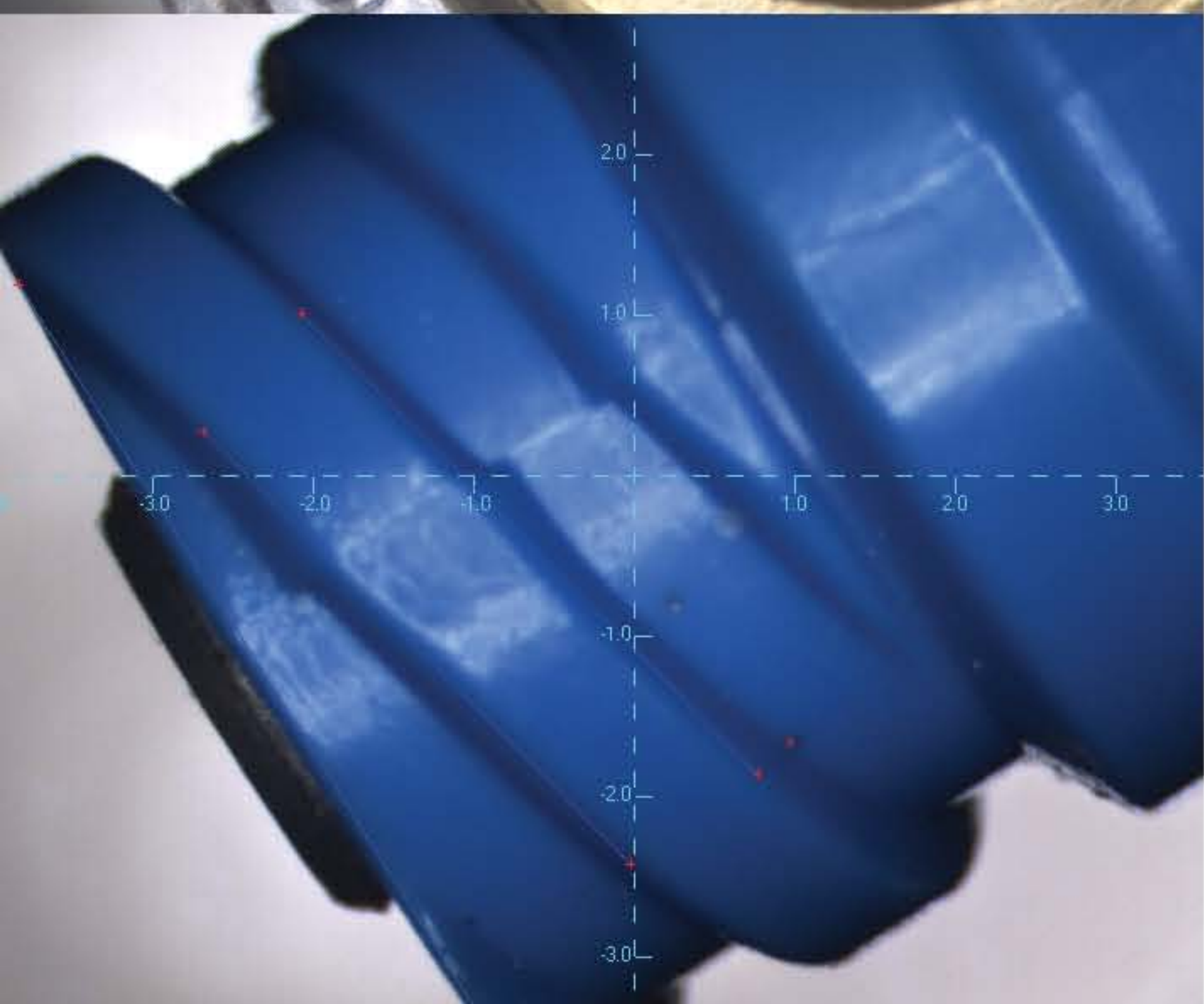
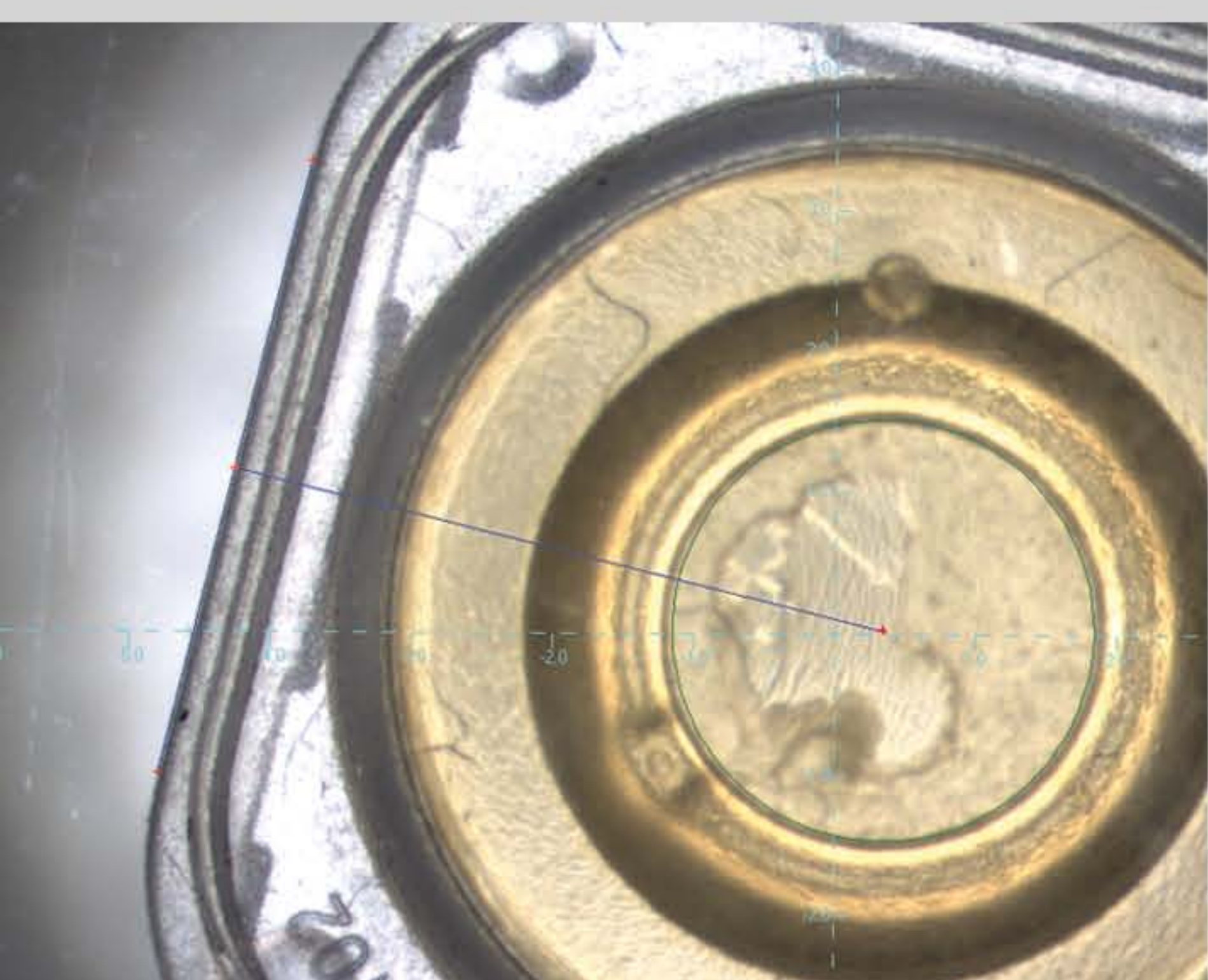


# XT-2000 VME Workstation

## 1 Micron Resolution Video Measurement System

Our most popular machine is the VME workstation system. It is also our best value featuring a solid granite base and Z column. The system is ergonomically designed with position, lighting and focus controls placed right in front of the operator. The part image is very sharp from a 1/2" color USB camera displayed on a 23" widescreen monitor. All of this comes on a solid granite topped steel workstation with convenient storage space



### 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
- Workstation Table / Bench Top choice
- 1 Year Full Warranty

### Measurement Software User Interface (OVM-PRO)

The screenshot shows the OVM-PRO software interface. On the left, there's a 'Programmed Light' control panel with a circular light icon and sliders for intensity (15% and 81%). In the center, a large image area displays '640 x 480 Conventional Frame Grabber Resolution' and '1280 x 960 1.3 Megapixel Live Image Resolution'. To the right, there's a 'CameraSet' control panel with sliders for RedGain (37), GreenGain (31), BlueGain (54), and Exposure (18). Below that is a 'Focus Indicator' panel showing a vertical scale with a red bar at the top and a 'Reset' button. At the bottom right, there's an 'Automatic Calibration File Loader' panel with a 'Curr Ratio' of 0.7x and a 'Zoom State' indicator.

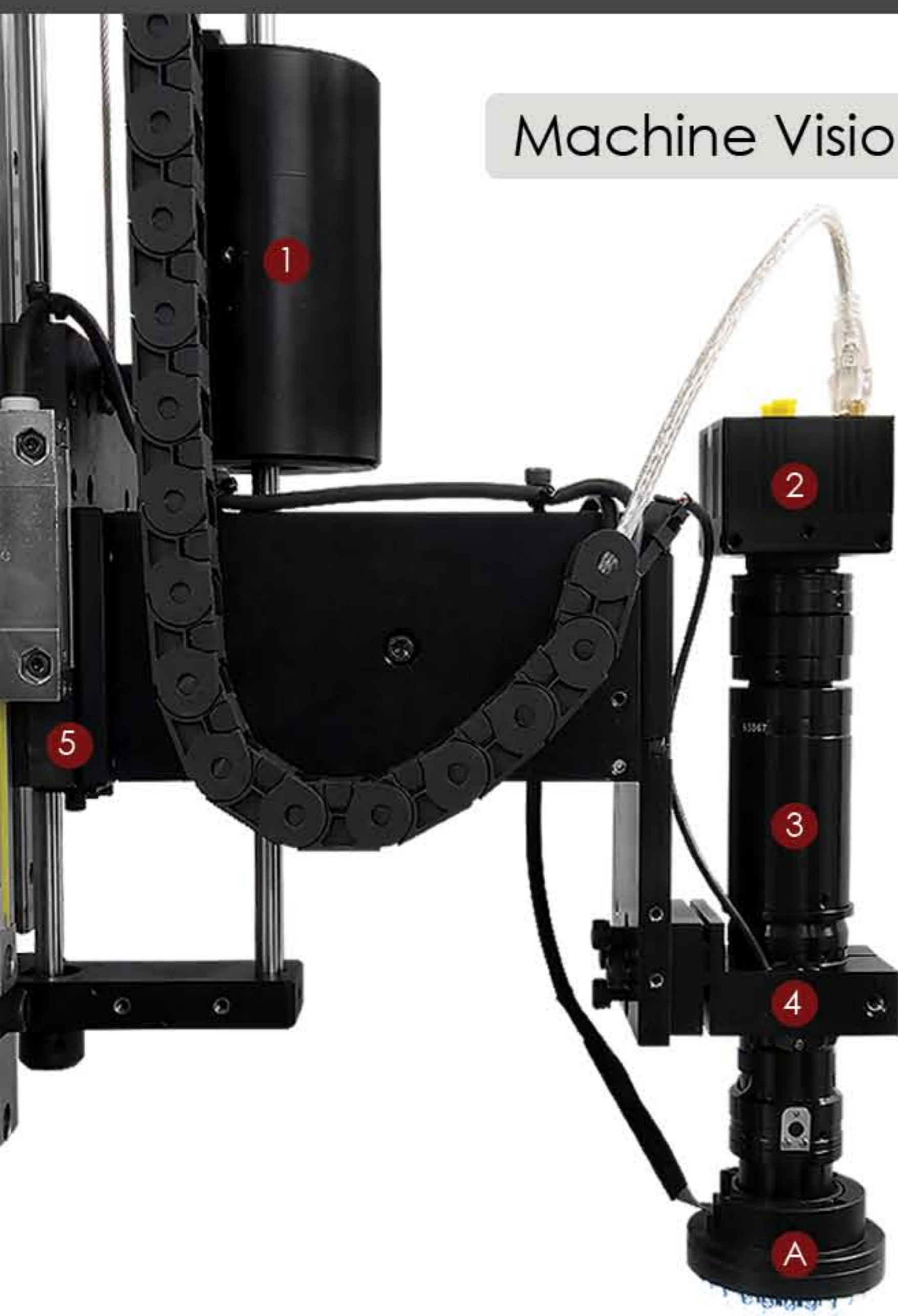
- Program inspection sequence
- Multi or single point edge detection
- Large high resolution image
- Image capture with annotation
- Cross hair indicates edge transition
- Quick and easy measurement
- Measures point, line, circle, arc, angle, ellipse, B-splinecurve, center point, distance, and more
-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

4X larger field of view (FOV)

# PRODUCT SPECIFICATIONS

XT-2000 VME WORKSTATION

## 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)

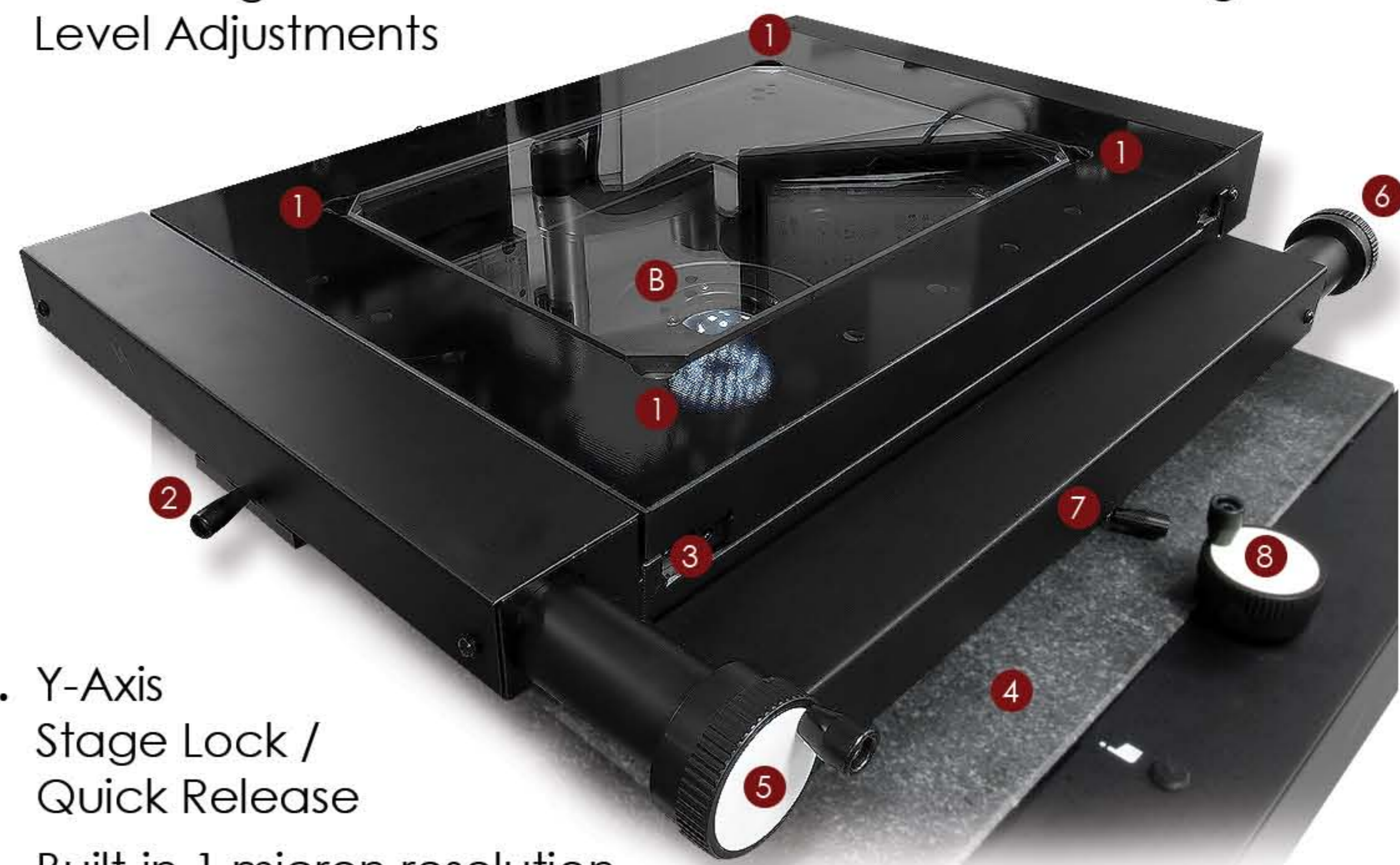
### A. Quadrant 40-bulb LED Toplight



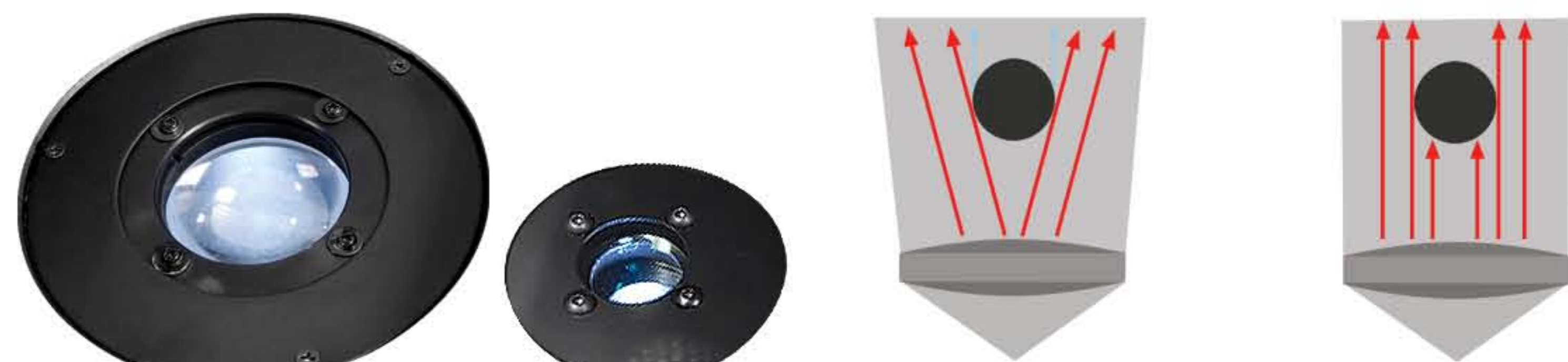
1/4 Circle   1/2 Circle   3/4 Circle   Full Circle   Double-sided

## 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-VME 6108 XYZ QI	XT-VME 8128 XYZ QI
Measuring Range	6" X 10" X 8"	8" X 12" X 8"
Magnification Calibration	Auto Load Image Magnification Calibration <sup>NEW</sup>	
Measurement Software Options	Scienscope OVM Pro or Lite	
Size (Include Base)	48" (L) x 29" (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	Table top or workstation table (standard as shown)	



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SCAN TO RFQ