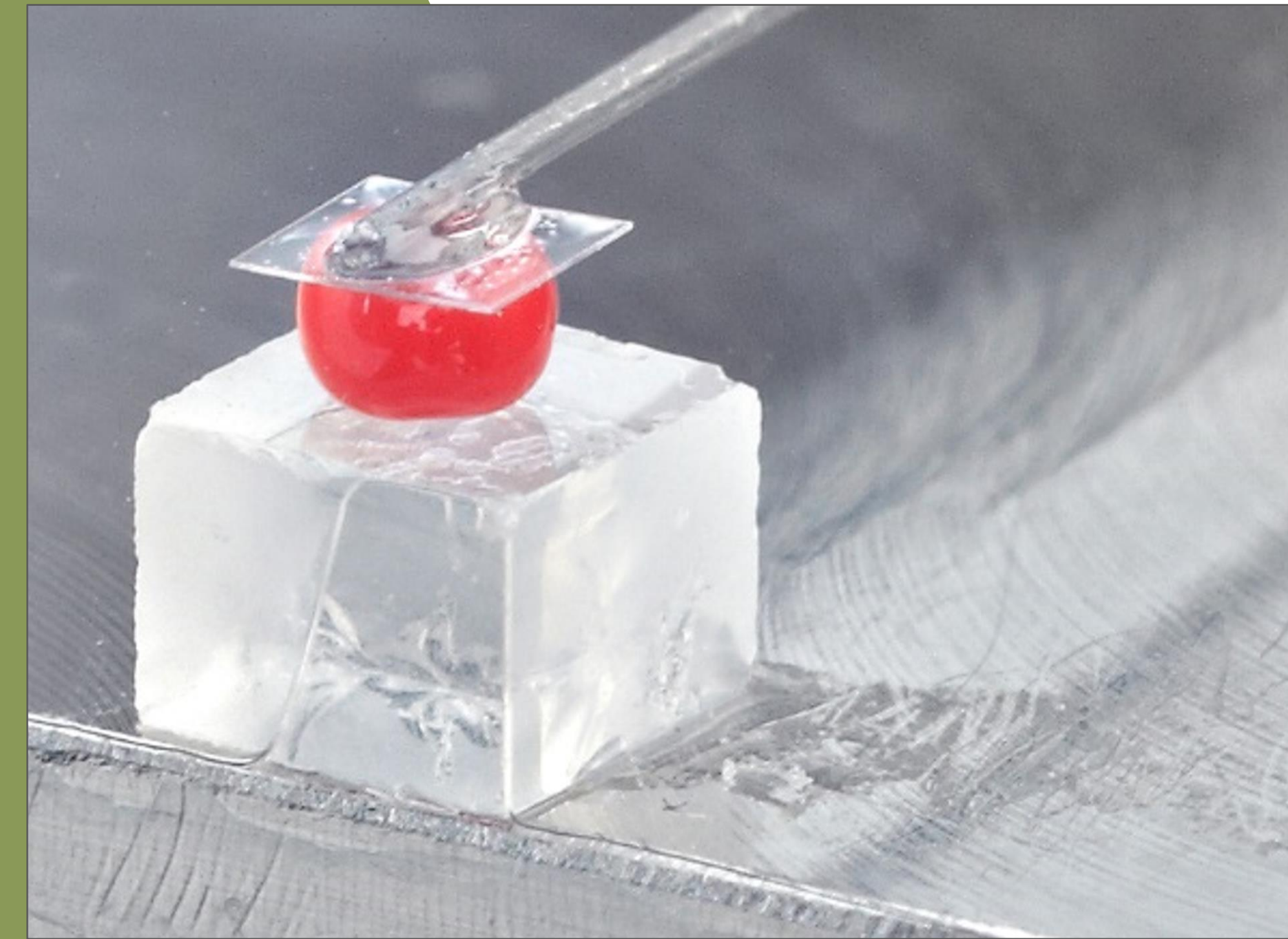


# MicroTester

## Versatile and precise Micro-mechanical testing

The MicroTester LT and G2 are engineered for unparalleled precision and exceptional visual feedback. They feature an image-guided force probe that is adaptable with platens, indenters, or hooks. These systems are ideal for a wide range of applications including hydrogel microspheres, cell spheroids, engineered microtissues, and delicate filaments.



**VERSATILE,  
CONVENIENT,  
OPTIMIZED FOR  
BIOMATERIALS**



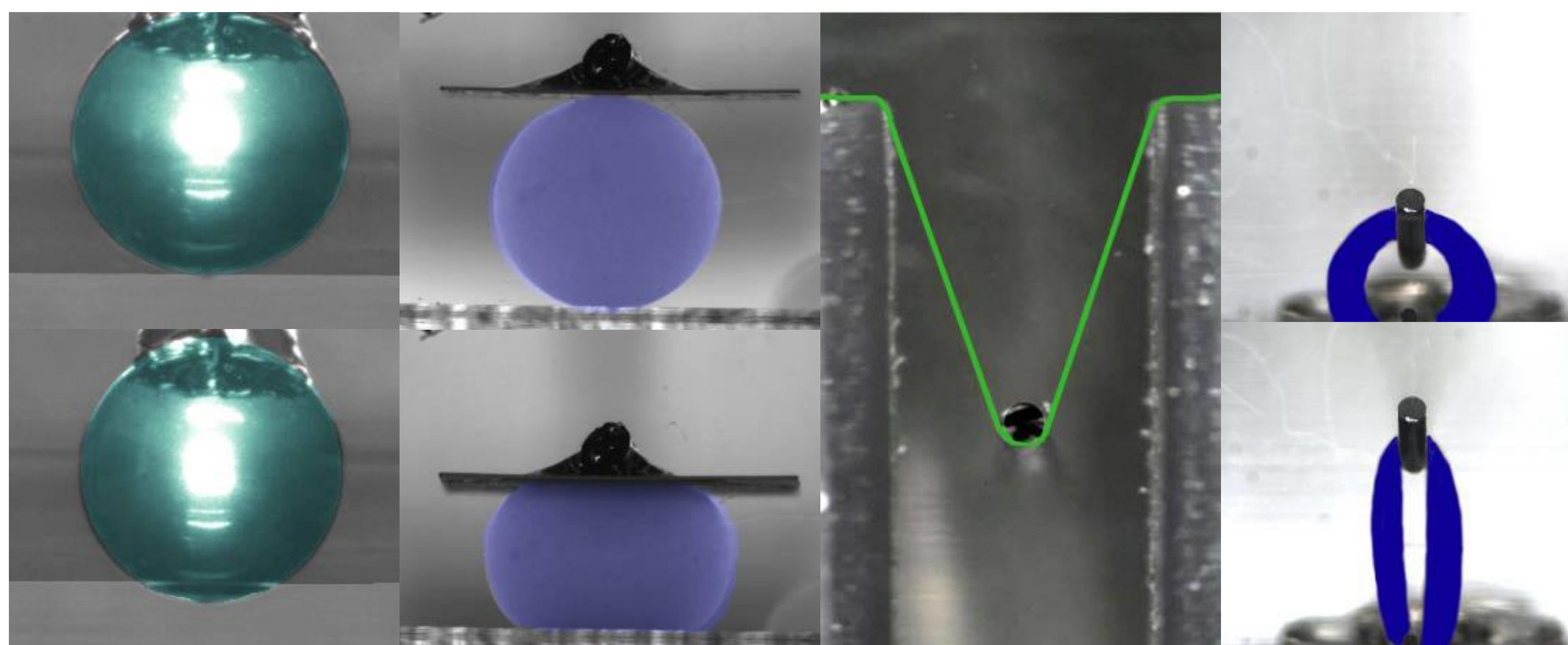


# MicroTester

## Unparalleled Accuracy



- Testing modes: compression, tension, bending, indentation, and shear
- Precision actuators for resolution down to  $0.1\mu\text{m}$
- Exceptional force sensitivity with resolution down to  $10\text{nN}$
- High-resolution Imaging for detailed visual feedback
- Temperature-controlled media bath for optimal test conditions



Indentation

Compression

3-Point Tension

Loop Tension

	MicroTester LT	MicroTester G2
Capacity (mN)	500	
Data Rate (Hz)	5	15
Force Resolution (nN)	100	10
Position Resolution ( $\mu\text{m}$ )	1	0.1
Field of View (mm)	0.8 - 5.5	0.4 – 11.0
Vertical Image Resolution (pix)	1536	2048

CellScale Biomaterials Testing has been the industry leader for precision biomaterials test systems for over 20 years. Our technologies are improving human health by helping researchers advance basic science, improve medical treatments, and further regenerative medicine research.

**READY TO REVOLUTIONIZE YOUR MATERIALS TESTING?**  
Contact us today to schedule a demo!

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