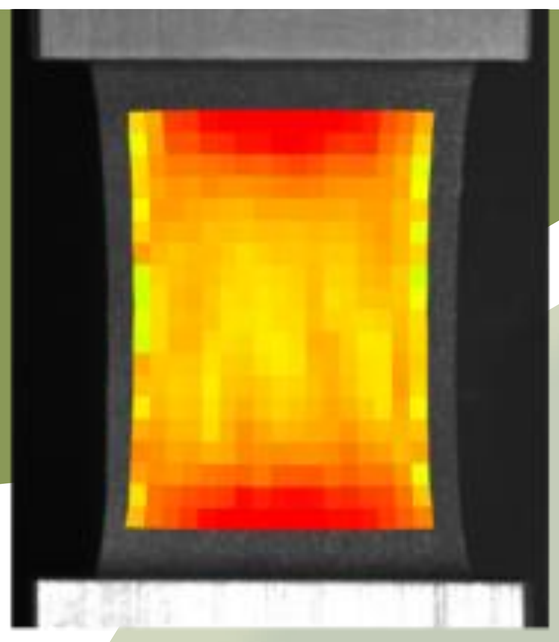
CellScale
biomaterials testing

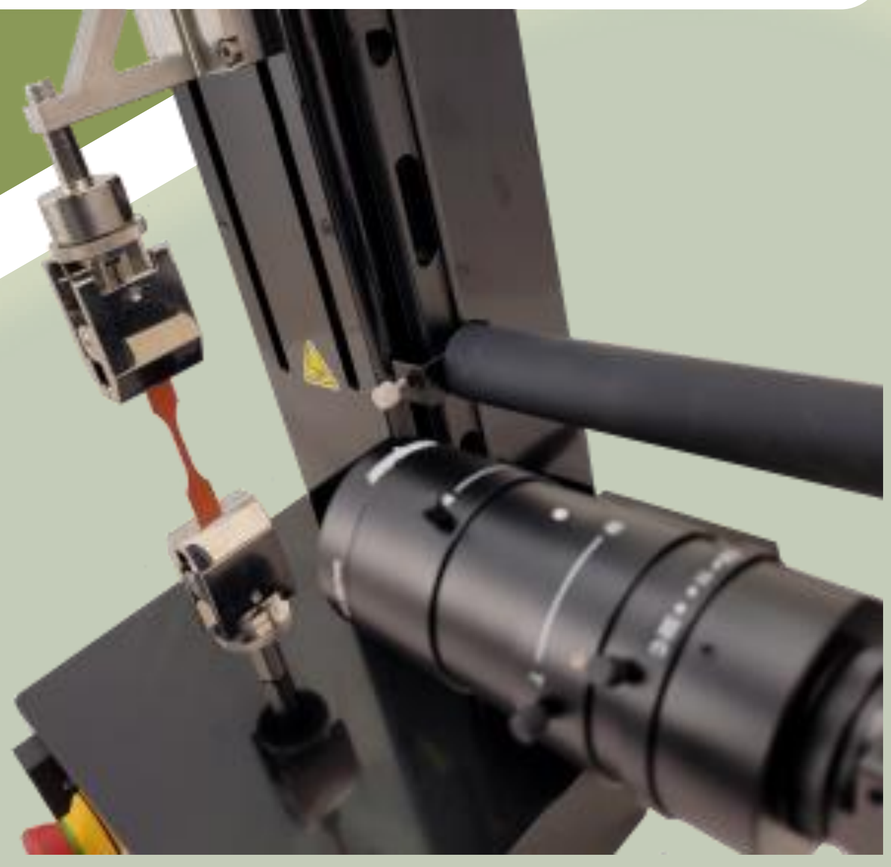
# UniVert Series:
# Precision Mechanical Testing on Your Lab Bench

**VERSATILE, CONVENIENT, AND OPTIMIZED FOR BIOMATERIALS**


The UniVert provides critical mechanical property data for research in natural tissues, 3D bio-printed structures, orthopedic devices, and more.

- Precision low force load cells and fixtures for soft material testing.
- Integrated imaging for test visualization, analysis, and presentation.
- Intuitive software for test specification and analysis.
- Available with: media bath, torsion/shear, pressure, high-speed





# UniVert Series

## Empowering Research

CellScale

- Compact designs
- Position and force control
- Integrated media chambers
- Intuitive flexible software
- Image-based strain capture
- Shear/pressure/torsion axes

| | UNIVERT S | UNIVERT 1KN | UNIVERT 10KN |
|---|---|---|---|
| Capacity (N) | 200 | 1,000 | 10,000 |
| Load Cells (N) | 0.05-200 | 0.05-1,000 | 0.05-10,000 |
| Stroke (mm) | 300* | 300* | 800* |
| Max Vel (mm/S) | 20 (100) | 20 | 20 |
| Max Accel (m/S$^2$) | 1 (2) | 1 | 1 |
| Max Cycle (Hz) | 2 (10) | 2 | 2 |
| Max Data (Hz) | 100 (500) | 100 | 100 |

() = S2 performance upgrade. * longer stroke available on request

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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