

Compression/Tension Device

Mechanical Testing Stage



SCANCO MEDICAL

Compression/Tension Device

The SCANCO Medical Compression/Tension Device allows users to test materials under compression and tension during the microCT scan using a controlled load. The compression device can be activated both inside and outside the scanner allowing application of the load before or while scanning.

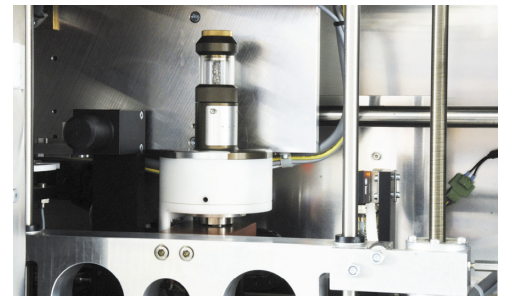
The unit includes

- Compression/Tension device
- RS232 cable to connect with PC/Notebook
- USB to RS232 connector
- detachable wires
- PC Software including:
 - Force/Displacement control and display
 - Stress/Strain control and display
 - Data chart display and recording of data
 - Time Scheduler for testing



Specifications

- | | |
|-----------------------|---|
| - Use recommended for | μ CT 35, 40, 45, 50, 80, 90, 100, 100HE, vivaCT 40, 75 and 80 |
| - Max load and pull | 500 N |
| - Max sample diameter | 24 mm |
| - Max sample length | 27 mm
optional 57 mm for μ CT 50 and 100 |
| - Maximal excursion | 9 mm |
| - Accuracy | 0.02 mm
1% of max. load |



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Made in Switzerland