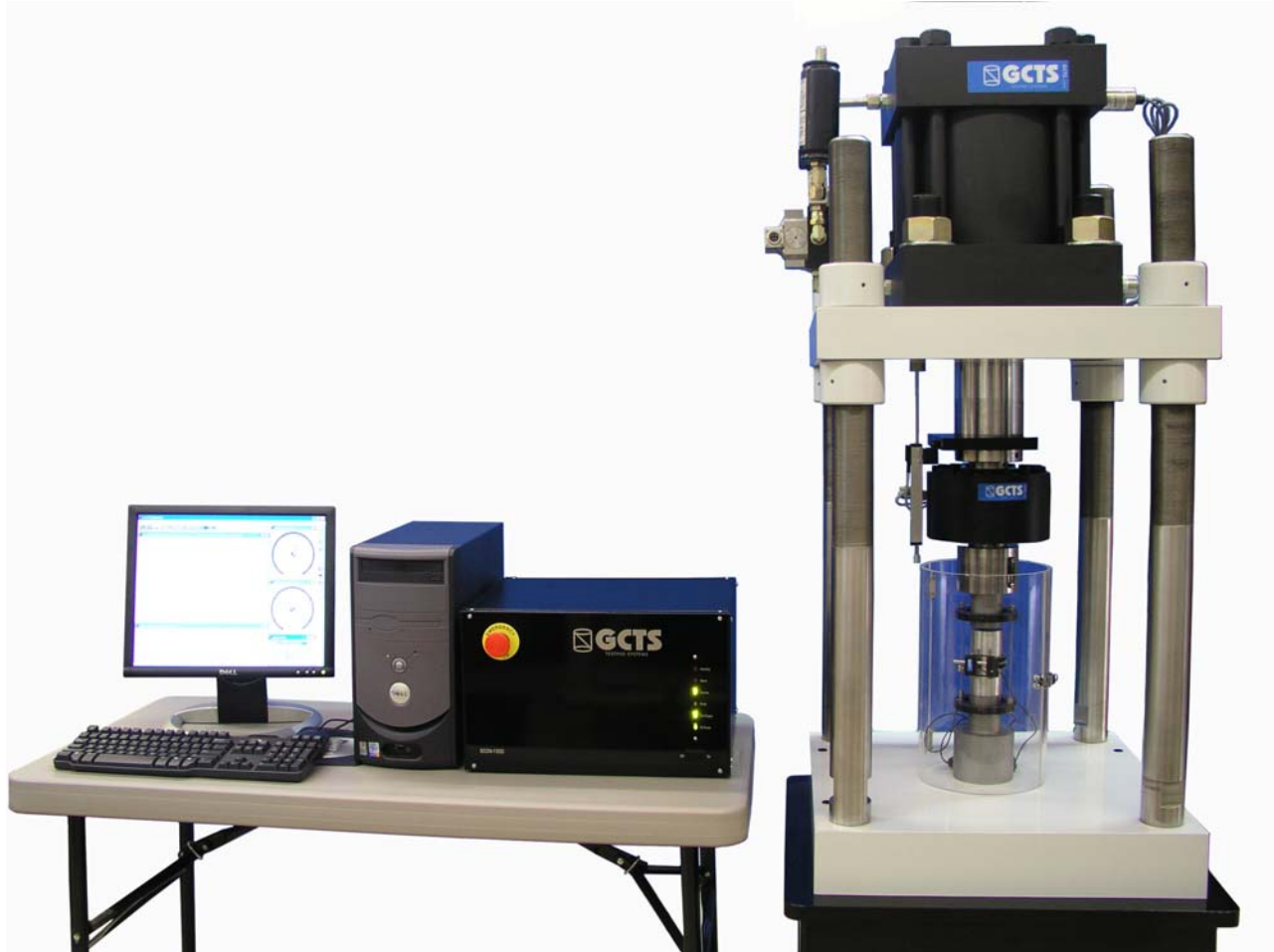


Uniaxial Testing System (UCT-1000)



- Compression and Tension loading system with electro-hydraulic closed-loop digital servo control
- Static and Dynamic loading capabilities
- Adjustable cross-head design
- Accepts GCTS High Pressure triaxial cell & other testing components
- Ideal for performing unconfined compression, bending, indirect tension, fracture, creep, and other material tests
- Available systems with load capacities up to 4,500 kN (1,000 kips) and stiffness up to 4,300 kN/mm (25×10^6 lbs/inch)
- Economical “turn-key” systems built to customer specifications

DESCRIPTION

GCTS Uniaxial Testing Systems include our state-of-the-art SCON-1500 Digital Signal Conditioning & Servo Controller CATS software. The system is capable of performing static

and dynamic closed-loop load, deformation, strain or any other measured or calculated parameter. Automatic “bump-less” or smooth control transfer can be programmed at any test stage. The true 32-bit Windows XP Software allows sending directly your test data to any computer connected to your local network. Using a Windows network system in your lab facilitates the transferring of your test data directly into other Windows programs such as Word or Excel for report generation as well as to easily backup your important test results

SPECIFICATIONS

Compression load capacity 1,000 kN
Tension load capacity 800 kN
Stiffness 700 kN/mm
Stroke 100 mm
Distance between columns 400 mm
Distance between platens 600 mm

SHIPPING

Weight 1,700 kg
Dimensions (meters) 1.2W x 2D x 2H