

UNIVERSAL TENSILE and COMPRESSION TESTER (UTM-001)

TENSILE TESTING

- Fully Automatic - PC Controlled
- Hydraulically operated grippers by 2 independent auxiliary cylinders controlled by separated hydraulic valves
- Upper mobile crosshead driven up/down by a separated motor adjusting the distance between upper and lower grips with electronic distance meter
- Available models:
 - 300 kN (30 tons)
 - 600 kN (60 tons)
 - 1000 kN (100 tons)
 - 2000 kN (200 tons)
- Height: 210 cm only.
- Print of Stress/Strain Diagram and Test Results.



COMPRESSION TESTING

- Fully Automatic.
- Graphical - LCD Data Acquisition Control System.
- Automatic Load Rate upon Sample Type.
- Stops Automatically, when Test is completed.
- Real time graph indication.
- Total Load and also Per Area are given.
- Test results can be transferred to computer to be printed or from the thermal printer.
- Different units are available.
- **Please see page 121 for more details**
- Calibration done easily on 5 pts.
- Manual Control is available.
- If weight of sample entered, Unit Weight is determined.
- Rigid Frame.
- Upper and Lower Platens in accordance with international Specifications.
- Upper Seating for Homogeneous Loading.
- 220 - 240 V / 50 - 60 Hz