



**Model - PC 2000**

The Model PC 2000 is top of the range model in the series of Tensometers. It combines the state of art Computer Technology and Precision manufacturing techniques to offer unique Mini Horizontal Universal Testing Machine. The machine is operated through PC. The on line test graph is displayed on Monitor. The feature in software is the ultimate solution for ever increasing stringent demand of material testing in quality inspection.

The Model PC 2000 is supplied with the Servo Drive Motor and the test speeds can be selected and applied through PC.

The suitable mechanism is provided for easy setting of higher or lower range of speeds as per test piece material standards.

## Features of Model 2000 PC

(Fully Automatic, Computer Controlled Horizontal Tensile Testing Machine)

- Load cells for high precision load measurement
- Servo Motor Drive
- Rotary optical encoder for precise elongation measurement
- Window based, menu driven support software for complete test control.
- Load cells available - 20KN, 10KN, 5KN, 2KN and 0.2 KN (Optional)
- Well defined computer protocol for integration with computer
- Programmable computer interface for data as well as control.
- Auto detection for origin as well as end of the test
- Online curve plotting of load vs displacement
- Generates calculations of stress, strain, Engineering Stress & Strain, area under the curve etc. for material study.
- Zoom facility for close view or deep study of the curve
- Extensive error indications
- Overtravel Protection
- Overload Protection
- Test report generation