

Product Name :
Universal Testing Machines

Product Code :
NLAB-ENGINEERINGLB26001



Description :

Universal Testing Machines

Technical Specification :

Universal Testing Machines Lab Equipments Manufacturer, Suppliers & Exporters Features of Universal Testing Machines:

Integral PC system running full universal windows software with industry standard and customer specific test methods pre-installed.

Touch screen display with active tester control panel and readout screen showing real time test curves calculated results and statistics. Height adjustable and fully articulated.

Optional full colour printer system mounted on universal position swivel arm.

Fully digital testing system with high precision control and accuracy, includes automated computer control of test methods giving simplicity of operation.

High resolution auto ranging load cells with accuracies better than $\pm 0.5\%$ down to 1/1000th of the load cell capacity.

Automatic recognition and calibration of load cells and extensometers, with instant calibration check facility. 800% overload capability of load cells without damage.

Small footprint design, giving economy of bench and floor space.

High efficiency pre-loaded self cleaning ballscrews for fast, quiet testing.

Fitted with sealed for life lubricated end bearings.

Crosshead guidance system providing precise alignment and smooth running.

Technical Specifications of Universal Testing Machines

Range: 20 kN.

Data sampling rate : Maximum 12kHz with up to 200Hz data frames.

Crosshead travel/resolution : 1100 by 0.001 mm.

Throat 295mm.

Operating temp : -10 to +40 degree C.

Frame stiffness: 150 kN/mm.

Operating humidity : +10 to +90% non-condensing.

Speed range mm/min - 0.001 to 500.

Machine layout: Table top, base cabinet available.

Speed accuracy : +/- 0.1% under stable conditions.

Naugralabequipments

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