

COMPUTERIZED UNIVERSAL TESTING MACHINE

A product from an ISO 9001-2000 Certified Company

ETS



Engineered to meet your testing needs

- >> You can choose from the various materials you want to test including metal samples, concrete, rebar, tube & pipe, stranded wire, steel bar & plate, fasteners, wood and high strength composites, spring, Refractory, etc.
- >> You can choose from the various tests you want to conduct including Tensile, Compression, Bend/Flexure, Brinell Hardness, Shear, Extensometry, etc.
- >> Get on-line readings of the test, save them and print them.

ETS INTARLAKEN TECHNOLOGIES

(An ISO 9001-2000 Certified Company)

5TH.FLOOR, 117, B.T.ROAD, KOLKATA -700 108. (INDIA)

PHONE : +91-33-25770637/25772260. TELEFAX : +91-33-25772260/0637. Email: etsin@satyam.net.in

Websites: <http://www.ets-test-equipments.com> <http://www.ets-testingmachines.com>

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products design and specifications may change without notice as ETS INTARLAKEN TECHNOLOGIES reserves the right to make alterations to its product range from time to time.

COMPUTERIZED UNIVERSAL TESTING MACHINE

A product from an ISO 9001-2000 Certified Company

The logo for ETS (ETS Intarlaken Technologies) features the letters 'ETS' in a bold, white, sans-serif font. The letters are set against a dark blue background that is shaped like a right-angled triangle pointing downwards and to the right.

Computerized Universal Testing Machine

This machine is designed specially for determining tensile, compression, elongation, fold-resisting, bending, adhesive, extension, flaking, shearing and other strengths using appropriate test attachments which are optional.

Functions of yield point, elasticity modulus, Young's modulus, puncture, etc. Are also available as additional options.

Specifications:

Structure and Base: made of steel plates and hardened surface treatment where needed. High strength, resistance of shakes.

Capacity: Available from 5 to 300 Ton. (50 to 3000KN)

Min Resolution: 1/10000.

Accuracy: $\pm 1\%$.

Driving Method: Hydraulic System.

Ram Stroke(mm): from 100 to 250 depending upon machine capacity.

Effective Column Interval (mm): 300 to 750 depending upon machine capacity.

Crosshead Speed(mm/min): from 50 to 100 depending upon machine capacity.

Testing Speed(mm/min): from 50 to 250 depending upon machine capacity.

Machine weight :1500 to 4000kg depending upon machine capacity.

Power: 220/440V, 50HZ or as desired by customers.

Tension (mm): Max.Space:800, Grip for Rod and Plate.

Compression: Max.Space:800, Compression Plate.

Transverse & Bending..

Above three specifications shall depend upon machine capacity.

With one set of testing program software.

CONTROL UNIT:

Setting range: 1~50mm/min.

Constant speed load control: 5~100% of full scale load

Constant speed strain control Range: 5~100% of full scale strain.

Emergency shut down button & over load protection function equipped.

Display of testing parameters: value and real-time curve (load, stroke or elongation).

COMPUTER SYSTEM (WINDOWS SOFTWARE) CPU: Intel Pentium 4 CELERON 1.7 GHZ above. , RAM: 256MB, Standard 1.44MB FDD*1, HARD DISK DRIVE 20 GB,Above 52 X high speed CD-ROM, CRT COLOUR MONITOR 15", Deskjet Printer.(Table for PC not included).

ETS INTARLAKEN TECHNOLOGIES

(An ISO 9001-2000 Certified Company)

5TH.FLOOR, 117, B.T.ROAD,KOLKATA -700 108. (INDIA)

PHONE : +91-33-25770637/25772260. TELEFAX : +91-33-25772260/0637. Email: etsin@satyam.net.in

Websites: <http://www.ets-test-equipments.com> <http://www.ets-testingmachines.com>

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products design and specifications may change without notice as ETS INTARLAKEN TECHNOLOGIES reserves the right to make alterations to its product range from time to time.