

# Computerized Tensile Tester

*A product from an ISO 9001-2000 Certified Company*

**ETS**



Model: CTTM- 1866

This tester was ergonomically designed to provide a compact, low-cost, functional unit which is quick and easy to operate. It gives extremely high accuracy and yet is robust enough for routine quality control testing. The twin column design permits all-round access to the specimen and grips.

ETS Computerized Tensile Tester is suitable for testing tensile strength and elongation of various materials such as metal rubber, plastic, leather, asbestos, PVC, paper, textile, Wire/Cable, plywood/wood, ceramics, rexins etc. in conformity with standards like ISS, BSS, ASTM, DIN or ISO. Compression and Bending tests can also be conducted on the machine with the use of special test attachments.

#### Features :

- >Strong load frame
- >Displays all operational data - The Control Panel displays all Crosshead travelling values in relation to actual load value vs elongation.
- >Memory function - Test data may be displayed, stored in memory for future reference or printed for reports, certification and presentations.
- >Simple operation - Test parameters are easily set through simple key & point & click entry with the mouse.

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## **ETS INTARLAKEN TECHNOLOGIES**

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#### Software Package :

The tester offers a host of software features that allows programming of all parameters, operational control and real-time display of the on-going test. This software package allows the operator to conduct a wide range of tests with an almost limitless array of test parameters and displayed test information when used with a PC.

#### Specifications :

- > Max. capacity : available from 10 Kgf to 10,000 Kgf.
  - > Test Width (mm) : 500mm (approx).
  - > Crosshead Travel (mm) : 1000mm (approx)
  - > Effective Stroke (mm) : 1000mm (approx)
  - > Crosshead Speed : upto to 500 mm/min
  - > Crosshead Return Speed - upto 500mm/min
  - > Tensile Load Measurement Accuracy : +/- 1%
  - > Stroke Limiter upper/lower - 2 points
  - > Power : 220-240 Volts, 1-phase or any other at extra cost.
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- > Test parameters displayed with graph simultaneously • Real time graphic display of data
  - > Overlay display of data curve possible during test
  - > Selectable graphical display presentation
  - > Other test methods can be programmed by the operator
  - > Return after a test is selected

#### **Computer Hardware :**

- >The latest computer hardware including an Ink Jet Printer and a 15” Colour Monitor.

#### **Test Categories :**

The following are a list of test categories that can be performed on the tester :

- > Tensile
- > Tearing
- > Adhesion
- > Pull-out tests
- > Peeling tests
- > Stress-relaxation tests

The above tests can be performed using appropriate optional test attachments.

If there is something, which is not listed, please contact us to discuss your requirements.

We can tailor make machines and programs to our customer's requirements.

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