

TM113A UNIVERSAL TESTING MACHINE, 30 kN.



GENERAL DESCRIPTION:

This is a bench top educational simple universal testing machine.

The machine uses four in-line columns and a hand operated hydraulic jack with measuring instruments for load and displacement.

Test accessories and specimens are available as optional items. Instruction manual is also included.

EXPERIMENT CAPABILITIES:

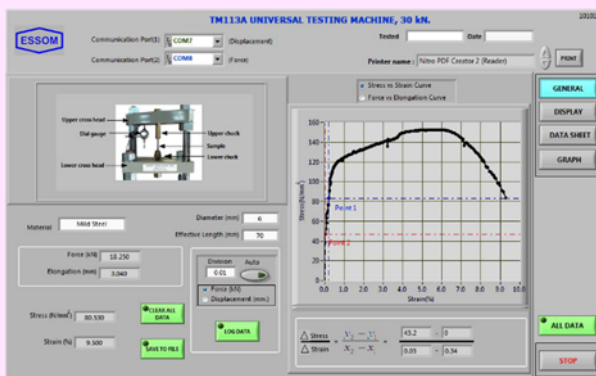
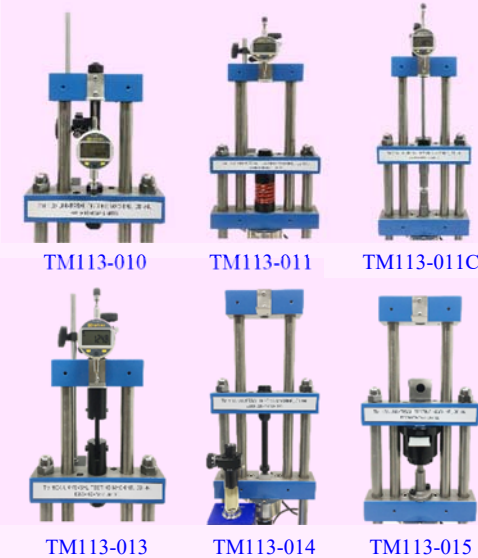
- Tension
- Compression
- Bending
- Deep draw
- Shear
- Brinell hardness
- Spring compression

TECHNICAL DATA:

- Capacity : 30 kN.
- Maximum crosshead travel : 50 mm
- Measuring instruments
 - Load : Force digital display
 - Extension : Dial indicator 0-20 mm x 0.01 mm. graduation with magnetic holder.
- Software for data display and analysis by computer (separately supplied).
- Power supply (optional version) : 220V, 1 Ph, 50 Hz. Other power supply is available on request.

OPTIONAL ACCESSORIES AND SPECIMENS

- TM 010A Displacement digital display instead of dial indicator.
- TM 113-005B Brinell test specimen.
- TM 113-005C Compression test specimen.
- TM 113-005D Deep draw test specimen.
- TM 113-005S Shear test specimen
- TM 113-005T Tension test specimen. The specimen has threaded heads with 6 mm. diameter test section.
- TM 113-010 Screw chucks for tension test.
- TM 113-011 Compression plates with sample springs.
- TM 113-011C Compression plates for compression test of non-ferrous materials.
- TM 113-012 Bending test accessories.
- TM 113-013 Shear test accessories consisting of upper and lower attachment.
- TM 113-014 Accessories for Brinell hardness test
- TM 113-015 Deep draw test accessories.
- TM113-020A Force gauge instead of force digital display.
- TM 113-050 Computer Interface
This includes digital indicator instead of dial indicator and computer interface unit.
- Other optional equipment, please contact manufacturer (essom@essom.com)



Net (unpacked) shipping dimensions WxLxH : 35 x 45 x 95 cm
 Net weight : Approx. 60 kg

