H-6310
Hydraulic Tension Testing Machine

Purpose

A hydraulic tensile testing machine with a screw-type operating cylinder which gives completely smooth and step-less loading. The cylinder is operated by means of a crank which is designed so that only light hand power is required to obtain maximum load. The pedagogic design of the machine means that the student can observe what is happening throughout the entire procedure. The convenient size and the sturdy structure make the **Model H-6310** a highly reliable and risk-free machine. The power is read on a large and clearly visible indicating instrument which is graduated in kN (kilo Newton). The instrument is provided with a maximum-value indicator which shows the power at failure on the test rod. The extension is measured by means of a gauge which has a reading accuracy of 0.01 in.

Various Optional Accessories
Used with **Model H-6310**
Hydraulic Tension Testing Machine

Specifications

The tensile test rods for the **H-6310** are threaded at the ends. This makes them very easy to mount and also ensures reliable fastening in the jaws. The H-6310 can deal with Brinell testing. Buckling tests can also be carried out with this machine.

Equipment

The equipment includes:

- Hampden **Model H-6310** Tensile Testing and Brinell Testing Machine
- Tool box containing:
  - Tensile test rod set, 4 each of: steel, aluminum, brass, copper
  - Brinell test pieces, 4 each of: steel, aluminum, brass, copper
- Laboratory texts

Available Options

The following accessories are available as optional extras:

H-6310-10	Tensile test rod set: 5 rods each of steel, aluminum, brass and copper
H-6310-20	Brinell test piece set: 5 pieces each of steel, aluminum, brass and copper
H-6310-31	Bending Device
H-6310-32	Large Compression Plates
H-6310-33	Helical Spring Test
H-6310-34	Disc Spring Test
H-6310-36	Shear Test
H-6310-37	Deep Draw Test
H-6310-38	PC-Aided Measurement Recording System

All Hampden units are available for operation at any voltage or frequency

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