



# Physical Test Solutions

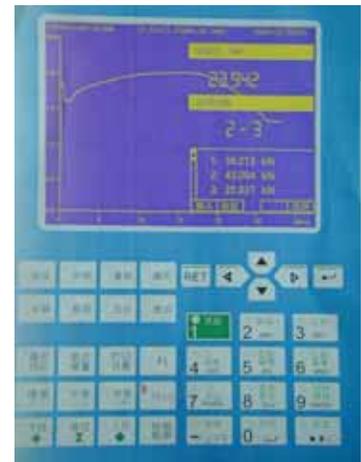
Innovative Solutions in Material Test Equipment

## HLCT-150 HYDRAULIC LOW CAPACITY TESTING MACHINE

Model HLTC-150 is the newest product in the extensive line of PTS hydraulic testing machines. This innovative model combines the best of both worlds; it is a low price solution ideal fastener testing in go no-go applications, with performance to do the job with the utmost reliability. The machine is equipped with a double servo cylinder (actuator), and is controlled by a servo valve. The highly efficient hydraulic power supply affords smooth low noise operation during test. The unit incorporates accurate load cell technology for force measurement and uses a digital display to see data results and test curve. The unit has many standard features that are available as options with other similar units and features ease of test with a variety of material testing applications. The unique design of the HLTC-150 allows compression testing without the need of a compression cage.

### Features

- ⇒ Practical table top design.
- ⇒ Conveniently mounted digital display.
- ⇒ Displays maximum load, load in real time, and yield strength and test curve in real time.
- ⇒ Data can easily be sent to a printer for print-out.
- ⇒ Automatic control mode.
- ⇒ Automatic rate of speed control.
- ⇒ Automatic rate of load display
- ⇒ Ethernet output
- ⇒ No need for compression cage in compression applications.
- ⇒ Overload safety feature.
- ⇒ Interchangeable load cells for accurate measurement.
- ⇒ RS232 port for printout
- ⇒ Optional mini-printer



### Standard Accessories

- ✓ Load cell
- ✓ Wedge grips.
- ✓ Flat inserts



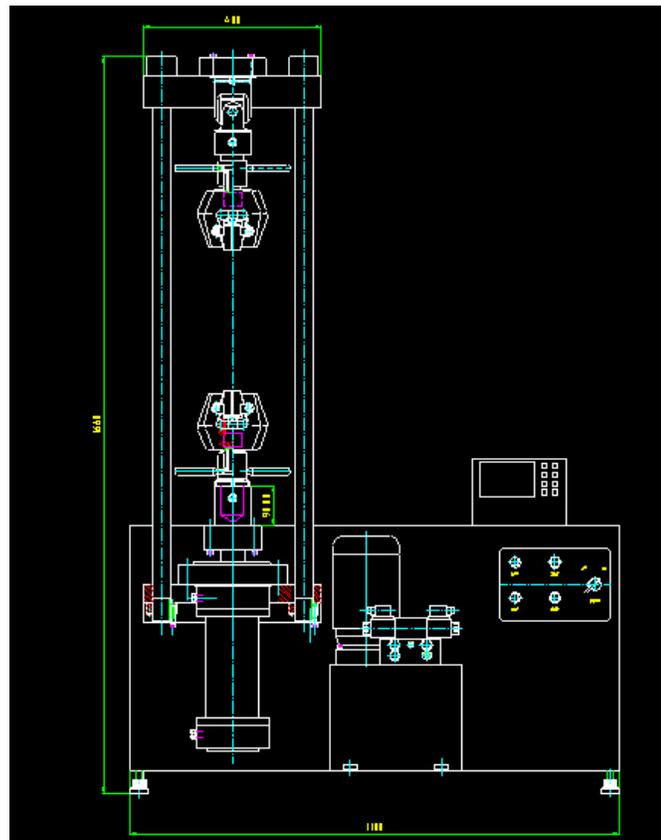


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## Specifications:

- ❖ 150 KN (33,750 lb) capacity
- ❖ Load measuring range: 4%-100% of FS
- ❖ Load accuracy:  $\pm 1\%$
- ❖ Tensile space: 200-300 mm ( 8" – 12")
- ❖ Wedge grip width: 25.4mm (1")
- ❖ Flat grip inserts: 0-9.5mm (0 - .37")
- ❖ Piston stroke: 130mm (5")
- ❖ Piston return speed:  $\geq 110$  mm/min ( 4.3 mm/min)
- ❖ Load Frame dimensions: 1100mm x 450 mm x 1660mm (43" x 17" x 65")
- ❖ Net weight: 200 kg (440 lb)



Comercializadora Rivasa [comrivasa@yahoo.com.mx](mailto:comrivasa@yahoo.com.mx)

