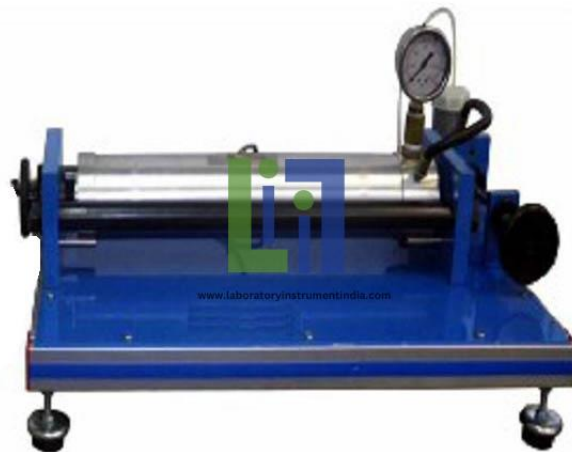




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Thin Cylinder Unit

**Product Code :**  
LBNY-0005-13100027



#### **Description :**

This piston also has an in-built pressure relief valve. The oil from the relief valve returns to the pump reservoir connection by means of flexible pipe. The first piston is located axially; it extends beyond the end of the tube and is drilled to suit a pressure gauge and a high pressure flexible rubber hose connecting the hand operated pressure pump to the unit.

The thin cylinder unit and hand operated pump are mounted on a bench-top base plate.

A thin wall tube contains two pistons.

The cylinder unit which is resting on the four pins is supported on a frame and located axially by a fixed stop and an adjustable stop.

The second piston is free to move axially within the tube, but its travel out wards is limited by a plate and end-cap.

Maximum test pressure: 40 bar.

Technical data about the thin cylinder unit:

Reservoir Capacity: 75 cm<sup>3</sup>

Pre-set relief valve setting: 450psi approx.

Cylinder material: Aluminium alloy.

Recommended oil: Castor oil

Gauge Factor: 2.0

Pressure gauge (Manometer): 0-50 bar.

Strain gauges: Foil type.

#### **Technical Specification :**

Thin Cylinder Unit



**Laboratory Instrument India**