Product name:	Product code:
Vertical Load Test Rig for Water Storage Tanks	CMI-IND-0180

Description

Compression frame that applies a vertical load on the tank top or lid to check stiffness and deformation. Used by manufacturers to validate tank lid and roof design.

Technical specification

- Position transducer

A hydraulic ram with a load cell applies controlled loads to the tank lid or shoulder while displacement is measured. It checks resistance to foot traffic, stacked loads and handling. The rig accepts tanks up to 1000 litres and records force versus deflection.

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Features

- Hydraulic ram 20 kN
- Load cell with digital display
- Displacement transducer
- Adjustable height frame
- Safety guards

Technical Specifications

Capacity	20 kN
Load Accuracy	+/- 1 %
Deflection Range	0 - 100 mm, 0.1 mm
Max Tank Height	1500 mm
Standards	IS 12701 (load test), ASTM D2561 principle
Power Supply	230 V AC, 50 Hz

Standard Accessories

- Load pad