



Thin Cylinder Apparatus permits the investigation of stresses and strains in a thin cylinder under internal pressure.

The thin walled alloy cylinder, supported by a cradle is mounted on a base board together with the hydraulic hand pump for pressurising the system.

Two stress conditions are available:

- . Open ends - circumferential stress.
- . Closed ends - bi-axial stress.

The cradle is designed to quickly allow the selection of either condition.

Six strain gauges are fitted to the cylinder to permit the measurement of surface strains at various angles. A pressure gauge indicates the cylinder pressure.

Specification

Cylinder material	Aluminium Alloy
Length	375 mm O/D 76.2mm
Bore	70mm
Max Test Pressure	35 BAR
Strain gauges	Electrical resistance

Extra

Digital Strain Bridge

Note: New catalogue available soon

* Specifications subject to change without previous notice, due to continuous improvements of the product.

