| Product name: | Product code: |
| --- | --- |
| Foil Bursting Strength Tester with Pneumatic Clamping | CMI-IND-0343 |

## Description

Hydraulic diaphragm tester measuring bursting pressure of foil and thin metal sheet. Used by foil producers to evaluate toughness and gauge uniformity. It is useful for assessing toughness of lighter gauges and household foil.

## Technical specification

- Diaphragm (5 nos)
- Test fluid
- Clamp ring

A clamp seals a 30 mm foil area over a rubber diaphragm and fluid pressure rises until the foil ruptures. Peak pressure is displayed in kPa or kgf/cm2.

**Features**

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- Diaphragm clamp 30 mm
- Pneumatic clamping
- Range 0 to 1000 kPa
- Peak hold display
- Auto reset

**Technical Specifications**

| | |
|---|---|
| Pressure range | 0 to 1000 kPa |
| Resolution | 1 kPa |
| Accuracy | +/-0.5% FS |
| Clamp area | 30.5 mm diameter |
| Fluid | Glycerine / silicone |
| Pump speed | 170 ml/min |
| Power | 230 V AC, 50 Hz |
| Standards | ISO 2758, ASTM D774 (adapted for foil) |

**Standard Accessories**