| Product name: | Product code: |
| --- | --- |
| Glass Surface Compressive Stress Meter for Toughened Glass | CMI-IND-0468 |

## Description

Portable optical meter whose prism reads fringe spacing to give surface compressive stress of tempered glass in MPa without breaking the pane. Used by toughening plants for process control.

## Technical specification

- Prism
- Coupling fluid
- Case

A prism couples light into the glass surface and fringe spacing gives surface stress. It checks if thermally toughened glass meets the 90 MPa minimum in a non-destructive way.

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**Features**

- Digital reading of surface stress
- Optical prism coupling
- Portable body
- Works on float and tin side
- Battery operated

**Technical Specifications**

| | |
|---|---|
| Stress range | 0 to 500 MPa |
| Accuracy | +/- 3 percent |
| Glass thickness | 3 to 25 mm |
| Light source | LED 589 nm |
| Display | Colour screen |
| Weight | 1.4 kg |
| Standards | ASTM C1279, ASTM C1048, EN 12150 |
| Power | Rechargeable battery |

**Standard Accessories**