Product name:	Product code:
PET Preform Stress Analyzer with Polariscope	CMI-IND-0267

Description

Polarized light viewer that reveals residual stress and crystallinity in injection molded PET preforms. Used by preform makers and stretch blow molders to spot gate and neck stress before blowing.

Technical specification

- Rotating holder
- Strain charts
- Spare LED

Preforms are placed between crossed polarizing filters and the color fringe pattern shows stress distribution. Haze, crystallinity near the gate and tube thickness variations are easy to spot. Quick checks prevent bottle failure at the stretch blow molding machine.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Large crossed polarizer 200 mm
- LED light source
- Preform holder rotating
- Strain pattern comparison charts
- Wall mounted or benchtop

Technical Specifications

Test Standards	ASTM D4093, ASTM F218 reference
Polarizer Size	200 x 200 mm
Light Source	LED, 5000 K
Specimen	Preforms up to 300 mm
Holder	Rotating cradle
Viewing	Direct or camera
Material	Powder-coated steel
Power	230 V AC, 50 Hz

Standard Accessories