Product name:	Product code:
Parison Swell and Die Swell Measurement Apparatus	CMI-IND-0277

Description

Extrusion plastometer with laser micrometer for measuring parison diameter and swell ratio of HDPE melt. Used by extrusion blow molders to tune die gaps and to compare resin grades.

Technical specification

- Dies
- Laser head
- Tools

A strand of melt is extruded through a capillary and measured after cooling. Swell ratio is die exit diameter divided by die diameter. Higher swell means the blowing parison is thicker.

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Features

- Optical diameter measurement
- Capillary die
- Heated barrel
- Digital caliper
- Software

Technical Specifications

Test Standards	ASTM D3835 reference, ISO 11443
Temperature	Up to 300 deg C
Die	Length 20 mm, dia 2 mm
Measurement	Laser 0.01 mm
Barrel	15 mm
Output	PC
Weights	Up to 21.6 kg
Power	230 V AC, 50 Hz

Standard Accessories