Product name:	Product code:
Foam Density and Cell Count Measuring Balance Kit	CMI-IND-0504

Description

Precision balance kit with specimen cutter and thickness gauge for determining apparent core density of cellular foam. Used by polyurethane and polyethylene foam producers for batch certification under ASTM D3574 and ISO 845.

Technical specification

- Specimen cutter
- Dial gauge stand
- Pore counting lens

The kit lets an operator cut a regular block, measure its dimensions with a dial gauge and weigh it on a precision balance to compute density in kg/m3. A hand lens scale is included for pore counting per 25 mm. It is intended for the production floor and QC bench.

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Features

- Precision balance with 0.01 g readability
- Dial thickness gauge with presser foot at 0.1 kPa
- Sharp rectangular block cutter for core specimens
- Pore counting graticule for cell size estimate
- Carry case for production floor use

Technical Specifications

Test standards	ASTM D3574 Test A, ISO 845, IS 7888
Balance capacity	600 g x 0.01 g
Thickness gauge	0-25 mm, 0.01 mm graduation
Presser foot pressure	0.1 +/-0.02 kPa
Specimen size	100 x 100 x 50 mm
Density range	10 to 200 kg/m3
Counting graticule	25 mm with 0.5 mm divisions
Power supply	230 V AC or 9 V adapter

Standard Accessories