Product name:	Product code:
Specimen Notching Machine for Plastic Impact Bars	CMI-IND-0209

Description

Precision broaching machine that cuts V-notches of defined radius and depth in molded plastic bars before impact testing. Used in injection molding QC and polymer test labs.

Technical specification

- Spare cutter
- Depth gauge
- Allen key set

Consistent notch geometry decides the reliability of any Izod or Charpy result. This machine uses a rotary cutter with a sharp profile and a clamp that holds the specimen square. Depth is set with a graduated screw and verified with a gauge.

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Features

- Single or three-notch specimen holder
- Depth setting with micrometer screw
- Quick-action specimen clamp
- Notch angle 45 deg and radius 0.25 mm
- Chip tray for easy cleaning

Technical Specifications

Test Standards	ASTM D256, ISO 179, ISO 180
Notch Angle	45 deg +/- 1 deg
Notch Tip Radius	0.25 mm +/- 0.05 mm
Remaining Depth	10.16 mm (0.4 in) standard
Specimen Width	Up to 13 mm
Cutter Speed	Approx 1400 rpm
Motor	0.37 kW
Power	230 V AC, 50 Hz

Standard Accessories