



Applications

TRUECUT-100B automatic models have advanced techniques and software with touch screen controls increasing the productivity, sample consistency and operator comfort. Abrasive cutting is generally used for metal specimens Sample preparation. Selecting the right cut-off wheel ensures freedom from burn and distortion and is the best way to save time and consumables. Correct cutting produces specimens which are in perfect condition for the next preparation steps.

A large window of Lexan and a sealed LED lamp in the cutting chamber allow precise observation of the cutting process at an optimum degree of safety. A large, T-slotted feed table located in the cutter's generous work area can accommodate a variety of different clamping devices which need to be selected.

Main Features

- Steel machine body, large closed cutting chamber
- Manual and Automatic cutting modes are available
- Digital display control system, cutting speed can be set directly
- Automatic cooling system, avoid burning damage to specimen
- Real time digital display feeding depth on LCD
- Modular programming, suitable for sample preparation in batches
- Cutting disc automatic resetting after cutting work is finished
- Feeding speed can be preset before cutting
- 60L Cooling water tank
- Work table travel in Y direction 200mm
- Feeding travel can be set within 0-200mm

Technical Specifications

Model	TRUECUT-100B
Display	LCD display with high resolution backlight
Cutting Capacity	100 mm
Cutting Method	Manual and Automatic
Way of Infeed	Arbitrary adjustment
Infeed distance	Arbitrary Set, Adjustment and fixture position
Reset Mode	Automatic
Cooling System	Water Cooling with 3 ways
Effective workpiece Length	200 mm
Spindle Speed	2800 RPM
Coolant Tank Capacity	65 liters
Cutting wheel dimension	350mmX2mmX32mm
Motor	4 HP (3 kw), 380V, 50Hz
Dimension/Net Weight	1650X680X740 mm, 150 kg

Optional

- Koppel Fixture for irregular samples
- Twin cutting
- Cutting wheels for different materials
- Can vice set
- Fabricated stand with strong cabinet

Shri Engineering Pvt Ltd

Imperial Heights, LIG-6/503, Kabir Nagar, Ner AIIMS Residency, Raipur, CT(22) 492099, (Vadodara, Chennai and Indore)

Mob: +91 8349 02 0230 | +91 9979 87 8092 Web: www.shriengineering.co.in | www.shriengineering.com

Email: ajinkya@shriengineering.com | popat@shriengineering.com | ankita@shriengineering.com