

BUEHLER®

Delta® PetroCut™

GEOLOGICAL CUTTER

- Affordable, Rugged Manual Cutter Designed for Rocks, Minerals, Nonmetallic and Geological Specimens
- Features Universal Clamping with a Rock Clamp Assembly
- Produces Serial Cuts Quickly and Consistently
- X-Y Table Bed
- Specimen Sizes Up To 3.75" (95mm) in Diameter
- Uses 10" (254mm) Diamond Blade
- Compact Tabletop Design
- Heavy-Duty Aluminum Base
- Large Viewing Window and Lighted Cutting Chamber
- Clean-Out Hose



The Delta® PetroCut™ Geological Cutter is a manual, 4Hp (3.0kW) cutter using a 10" (254mm) Continuous Rim Diamond Blade for sectioning of rock, minerals, ceramics, coal, glass, concrete, refractory and many geological samples up to 3.75" (95mm) in size. Features include a Rock Clamp Assembly with an X-Y table bed and cross-feed table for serial cutting. Clamps can be positioned at various points on the table bed. Other specimen vises are available for holding irregular shapes.

The Delta® PetroCut™ Geological Cutter includes a clean-out hose for quick debris removal. Two jets optimize presentation of the coolant to the wheel and specimen. Safety is maintained with an emergency stop, hood lock and a mechanical brake which is engaged when the power is turned off. The heavy duty aluminum cast base provides stability and corrosion resistance. Operation instructions are included.

10-2156-260 Delta® PetroCut™, 230 VAC, 60Hz, 3 Phase

10-2156-460 Delta® PetroCut™, 460 VAC, 60Hz, 3 Phase

10-2156-250 Delta® PetroCut™, 220 VAC, 50Hz, 3 Phase

10-2156-400 Delta® PetroCut™, 380 VAC, 50Hz, 3 Phase

Technical Data

Operation: Manual Chop Cutting

Motor Power: 4.0Hp (3.0kW)

Blade Size and Speed: 10" (254mm) Diameter Blades, 3400 rpm (60Hz), 2830 rpm (50Hz)

Cutting Envelope: Sample Sizes up to 3.75" (95mm)

Controls: Push Button Start and Stop/Emergency Stop; Coolant automatically activates when cutter is started

Other Features: Rock Clamp Assembly, Clean-out Hose, Heavy Duty Interior Lights (14W), Large Viewing Window

Shipping Weight: 200 lbs. (91kg)

Dimensions: 24" W x 17" H x 26.5" D

(600mm x 425mm x 665mm)

Accessories

Blade Options**

11-10074 Continuous Rim Diamond Blade

(for geological materials - yields best quality cuts)

10" x 0.045" x 1.25" (254mm x 1.14mm x 32mm)

Optional Accessories

10-2165-260 Recirculating System, 230 VAC, 60Hz, 3 Phase

10-2165-460 Recirculating System, 460 VAC, 60Hz, 3 Phase

10-2165-250 Recirculating System, 220 VAC, 50Hz, 3 Phase

10-2165-400 Recirculating System, 380 VAC, 50Hz, 3 Phase

16-1497 Recirculating System Cart, with Wheels

Vise Accessories

10-3525 Irregular Specimen Speed Vise Kit (Large)

10-3531 Irregular Specimen Speed Vise Kit (Small)

10-3533 Rock Clamp Assembly



Delta® PetroCut™ Cutter showing Rock Clamp Assembly and Clean-out Hose.



Rock Clamp Assembly with specimen.



Optional Speed Vise Accessory Kit allows increased flexibility when clamping irregular shapes.

**Blade not included with Delta® PetroCut™

For a complete listing of consumables, please refer to our Consumables Buyer's Guide. Buehler continuously makes product improvements; therefore, technical specifications are subject to change without notice.

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