

Servocut A300 Automatic Cut Off Machine



SERVOCUT A300 is a medium size, bench top, microprocessor controlled cut off machine, with manual chop cutting and automatic table feed systems. It has digital positioning of the specimen in X and Y axis with accuracy of 2 microns (X axis optional) and manual positioning in Z axis. It has cutting capacity of 90/100mm with cut off wheel diameter of 250/300mm. The cutting force and the cutting feed rate can be selected from the front touch pad.

SERVOCUT consists of a cast aluminium base on which the motor and the working space are provided in the form of two separate housings. A large window and sealed 12V lamp in the cutting chamber allow precise observation of the cutting process. A large slotted feed table can accommodate a variety of different clamping devices. The feed table provides a long travel depth making it ideal for cutting long or deep samples in a single pass. Cooling water recirculation is standard – 2 water jets located on both sides of the cut off wheel and 2 jet sprays towards the specimen. Supplied without clamping device.

Specification

- Cut of Wheel: Ø 250 / 300mm
- Cutting Capacity: Ø 90 / 110mm or 70mm x 190mm
- Chop cutting: manual
- Table feed cutting: automatic
- Wheel speed: 2800 rpm
- Feedbed travel axis: 200mm
- T-slotted table: 300mm x 230mm
- Motor Power: 6.4 HP
- Cooling unit: 80 litres
- Auto feed adjustment: 0.1-5mm/ sec
- Pulse cutting: yes
- Integrated feed path measurement: yes
- Size: 83cm x 73cm x 56cm. Weight: 150 kg. Electrical: 380-3-50

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