CS310 ABRASIVE SECTIONING

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The Clark Instrument CS310 Abrasive Sectioning Machine is a tabletop, laboratory-grade saw engineered for precise and reliable sectioning across a wide range of materials, from bar stock and fasteners to tungsten carbide and advanced composites. Designed with operator safety in mind, it features a hood interlock system, integrated braking mechanism, LED work light, and a removable side gate to accommodate longer specimens. Ideal for laboratory, production, and R&D environments where accuracy, reliability, and safety are essential, the CS310 is built for performance with a powerful 3 HP motor, Z-axis radial arm operation, and a standard 6.6-gallon recirculation tank, ensuring consistent results in demanding applications.



Model CS310 (Shown)

Special Features

- Power coated aluminum base and steel hood with polycarbonate window
- Hood Safety Lock: hood is locked via a safety interlock switch during operation
- 6.6 gallon re-circulation tank with 12.7 gallon per/min on casters
- Easy to read tank water level gauge
- 2-Cam lock type vises
- Slopped base floor with debris filter screen located in the re-circulation tank

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MODEL	CS310
CUTOFF WHEEL SIZE	10" (255mm) / 1 1/4" (32mm) Arbor
CUTTING MOTOR	3Hp (2.2 KW)
SPINDLE RPM	3326 60 Hz @ 50 Hz 2272 RPM
MAX SAMPLE SIZE	Cylindrical 2.75" (70 mm)
FEED METHOD	Manual
SAMPLE STAGE	Fixed: D 10.25" x L 9.75" (D260.35 x L247.65 mm) | 4-T-Slots spaced at 0.50 inch (12.7 mm)
LED LAMP	24v 5w
MACHINE TYPE	Tabletop sectioning machine
DIMENSIONS	31.75" x 29.25" x 24" [open hood: 30"] (806 x 743 x 609 mm [open hood: 762mm])
WEIGHT	235 Lbs. (106.6 Kg)
POWER SUPPLY	200-240V 3-phase 60 Hz 8.8 amps
RECIRCULATION TANK	6.6 Gal / 25 L | D 17" x H 21.60" x W 11.75" (D 431.8) x H (546.10) x W (89.92) mm
STANDARD ACCESSORIES	Sectioning blades, vises, coolant, wrenches, hoses, hose clamps


Recirculation Tank

Appearance and specifications are subject to change without prior notice.