

Electrochemical Cutoff Machine

Featuring Programmable Touch Screen Control



**Model
SR7**



World Class ECG Technology

- **Burr-Free Production**
- **Low Cutting Force**
Free of Heat Stress
- **No Heat Affected Zone**
- **No Work Hardening**
- **No Recast Layer**
- **No Metallurgical Damage**
- **Faster than EDM**

Cutoff Metals Independent of Hardness or Strength

- **Harder than Rc 65**
- **Fragile workpieces**
- **Thin wall workpieces**
- **Thermosensitive materials**

Model Ultracut SR7

Electrochemical Tube Cutoff Machine featuring SmartHead and SmartFeed

- Advanced Quick Change Fixturing System
- Large Splash Guard - Easy Access for Setup, Wheel Change, Fixture Change and Cleanup
- Convenient Top Mounted Controls
- No Limit Switch Settings
- Integrated DC Power Supply / Reduced Footprint
- Rigid Construction for Greater Accuracy
- Optional Parts Conveyor and Rinse Tank for Unattended Cutoff

Capacity

- Diameter: 0.010" (0.25 mm) to 2.5" (63.5 mm)
- Cut Length: Min. 0.080" (2.0 mm) Max. **No Limit**

Cutting Speed

- Min. 0.2 IPM - Max. 25 IPM (0.08 mm/s - 10.6 mm/s)

User Friendly Touch Screen Control

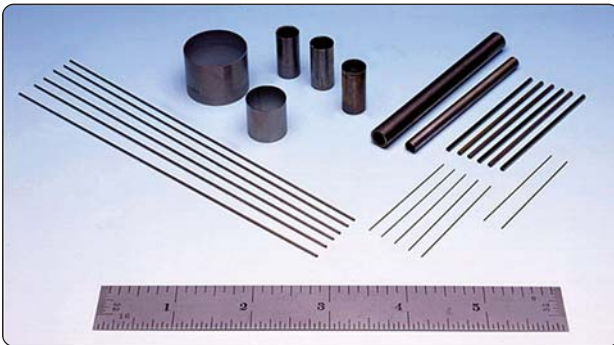
- Multiple Feed Rates for Efficiency and Squareness of Cut
- Program Cutoff and Notch in One Step
- Automatic Wheel Wear Compensation
- Automatic - Constant or Variable Length Cutoff

Everite Machine Products
501 E. Erie Avenue
Philadelphia, PA 19134-1106
TEL 215-425-3750
FAX 215-426-7768
e-mail: sales@everite.com


Everite
MACHINE PRODUCTS CO.
www.everite.com

Everite Europa
Eastway Business Park 1K, Unit 3
Ballysimon Road, Limerick, Ireland
TEL 011-353 61 415399
FAX 011-353 61 468509
e-mail: everite@iol.ie

Ultracut SR7 Electrochemical Tube Cutoff Machine



Samples of ECG Cutoff



Model SR7 Programmable Electrochemical Tube Cutoff Machine

Specifications

Capacity	Range: 0.010" (0.25 mm) to 3.0" (75 mm) Dia.
Cut Length	Min: 0.080" (2.0 mm) Max: No Limit
Drop-off Length	Min: 3" (76.2 mm)
Electricals	230/460 V / 3 PH / 60 Hz Optional: 380 V / 3 PH / 50 Hz
Wheel Size	Nominal with 3" (76.2 mm) Hole 10" Dia. (254 mm) x 0.040" Width (1.016 mm) 12" Dia. (304.8 mm) x 1/8" Width (3.175 mm)
Spindle	2450 RPM Poly Vee Belt Drive 5 HP TEFC (3.7 KW) Motor High Precision Sealed Bearings 300 Ampere Brush System
Cutting Speed	Min: 0.2 IPM (0.08 mm/s) Max: 25 IPM (10.6 mm/s)
Rapid	Approach & Return Adjustable for Maximum Cutting Efficiency
Pump	3/4 HP TENV (0.56 KW) Sealed Ball Bearings
Mist Collector	1/3 HP TEFC (0.25 KW) Sealed Ball Bearings
Tank	50 Gallon (189.3 L) Electrolyte Tank
Color	Gray & Blue
Air Supply	80 PSI Min. (5.6 kg/cm ²) Required
Water	14" NPT (Required for Wash Down)
Machine Weight	≈ 3,200 Lbs. (1451 kg)
Shipping Weight	Domestic US: ≈ 3,600 Lbs. (1633 kg) Overseas: ≈ 4,200 Lbs. (1905 kg)

Model SR7 Programmable Electrochemical Tube Cutoff Machine

Standard Features

SmartHead

Spindle Downfeed	Ballscrew Actuator
Feed Rates	Programmable 0.25 - 25 In./Min
Touch Screen Interface	Cutting Parameters, Wheel Position, Feed Rate and Parts Counter
Wheel Wear Compensation	Automatic
Spindle	Optional Constant Surface Speed

SmartFeed

Stock Feed	Ballscrew Actuator
Touch Screen Interface	Length settings and adjustments including fixed cut length, variable cut length and notch cutting. Cut Sheet feature allows unlimited flexibility in controlling cut length. Tube can be cut and notched in one setup.

Standard Equipment

DC Power Supply	Integrated 300 Amp. DC Lectropak and Control. Optional: 600 Amp. DC
Electrolyte	50 Gal. (189.3 L.) Tank and Pump
Mist Collector	Model MC3 - 300 CFM
Tube Feed	Automatic Feed and Clamp
Control System	Touch Screen Control with Allen-Bradley PLC
Fixture Mount	Advance Quick Change Fixturing System
Wheel Flanges	6" Dia. (152.4 mm) for 10" Dia. Wheel
Electrolyte Salts	Initial Supply with Machine
Electrolyte Filter	Supplied with Machine
Manuals	(1) Set Supplied with Machine

Everite . . . the one source for ECG

Electrochemical Sales • Service • Supplies
Cutoff Machines • Surface Grinders • Point Grinders
ECG Wheels: Conventional & Super-Abrasive
Electrolyte
Cutoff Fixtures: Standard & Custom

Everite Machine Products
501 E. Erie Avenue
Philadelphia, PA 19134-1106
TEL 215-425-3750
FAX 215-426-7768
e-mail: sales@everite.com

Everite
MACHINE PRODUCTS CO.
www.everite.com

Everite Europa
Eastway Business Park 1K, Unit 3
Ballysimon Road, Limerick, Ireland
TEL 011-353 61 415399
FAX 011-353 61 468509
e-mail: everite@iol.ie