



# METAL DISINTEGRATORS



**REMOVE  
BROKEN TAPS  
BOLTS & DRILLS  
IN MINUTES**

### PERFORMANCE

| BROKEN TOOLING<br>ONE INCH DEEP | REMOVAL<br>TIME |
|---------------------------------|-----------------|
| 0-80 to 10-32 No. 1.6           | UNDER 1 min.    |
| 1/4" No. 6                      | 1 - 2 min.      |
| 5/16" No. 8                     | 1.5 - 2.5 min.  |
| 3/8" No. 10                     | 1.5 - 2 min.    |
| 1/2" No. 14                     | 2 - 4 min.      |
| 5/8" No. 18                     | 1.5 - 2.5 min.  |
| 3/4" No. 22                     | 2.5 - 3.5 min.  |

## **Model 2-SDC** Spark Eroder

**DC power in a portable package**

DC power supply handles removal of all high-speed and carbide tooling (taps from #2 (2 mm) to 3/4" (19.05 mm) in one pass

Compact, portable Mini Head has 1/2" x 2-1/2" (12.5 x 63 mm) arbor for mounting in a machine tool

Roll-around power supply with large rubber wheels



Convenient tool storage drawer

# Model 2-SDC Spark Eroder

## STANDARD FEATURES

|                       |   |
|-----------------------|---|
| <b>OPERATING HEAD</b> | Precision-spindle disintegrating Mini Head operates in any position; uses DC power.   |
| <b>BASE/CABINET</b>   | Heavy, reinforced frame construction 20 <sup>1</sup> / <sub>8</sub> " wide x 22" deep x 39 <sup>1</sup> / <sub>2</sub> " high (511 x 558 x 997 mm). Coolant pump built in. Top-mounted handle for moving cabinet around shop. Side-mounted cable hanger. Pull-out tooling bin with rubber grommets to store collets. Four heavy-duty ball bearing casters.  |
| <b>POWER SUPPLY</b>   | Controlled rectified DC cutting power with eleven heat selections. Recessed control panel includes lighted push buttons for Start/Stop, lighted Power On indicator, DC Amp meter for the cutting circuit, rotary switches for Vibration and Coolant Pump, external fuse for the Head Vibration and power supply. A resettable thermal circuit breaker protects the Disintegration circuit. Rotary selector switch for cutting power, potentiometer control for Vibration Amplitude. |
| <b>COOLANT SYSTEM</b> | Pump: 2 GPM; 50 PSI; 1/3 HP motor, single phase, 120 volt. Power Coolant Cable (conducts both liquid coolant and low-voltage power): double stranded, woven copper braid with polyvinyl cover. 10-foot (3048 mm) standard.  |
| <b>SHIPPING DATA</b>  | Approximate weights: net 350 lb. (158 kg), gross domestic 500 lb. (227 kg), gross export 550 lb. (250 kg). Volume: 23 cu ft (0.651 cu m).   |
| <b>WARRANTY</b>       | Three years (Mini Head, One year).  |

## OPTIONS

V0116

### Power Supply Options

240 volt or 480 volt

### Cables/Extensions

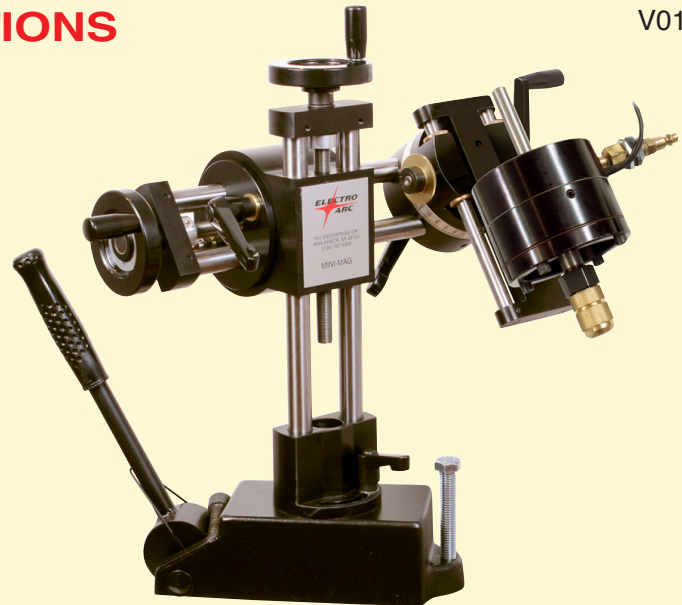
|  |                |
|--|----------------|
| 20 foot (6 m) Ground Cable(plug,clamp) | Part #S-223    |
| Head Cord Extension 10 ft (3 m)        | Part #S-212    |
| 10 foot (3 m) Power Coolant Cable      | Part #S-104-A  |
| 10 foot (3 m) Ground Cable with lugs   | Part #A5127-10 |



### Dual Coolant Valve

Select external coolant source or from the built-in coolant tank.

Part # A6448



### Mini Mag 800-lb. base w/fixture for Mini Head

800 lb. permanent magnet holds firmly to all ferrous surfaces. Enables precise manual feed. Six angle/position adjustments with 5" (127 mm) vertical, 4.5" (114 mm) horizontal range and 4" (101 mm) downfeed.

Part # A1425

**Vacuum-base** version Part #A1426

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