

MARTINDALE

Other Products



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MARTINDALE

Over 90 Years of Service.

Martindale Electric Co. started in the electric motor maintenance tool manufacturing business in 1913. From the start, we put emphasis on quality materials and workmanship — and on dedicated customer service.



Our approach worked. We prospered and grew. Gradually, we added new products to our line, including uniquely manufactured items such as Demagnetizers & Electric Etchers. We can also supply Blowers/Vacuums, Air Grinders, Coil Winding Equipment & much more, as described in the pages to follow.

Martindale is stocked and staffed to promptly meet your needs. Each and every employee adheres to the standards of product quality and customer service that has kept us the one stop shop for circular saw blades and electric motor repair tools for more than 90 years!

Martindale Electric Etchers

Three Versatile Etchers for Tool Room, Machine Shop, or Production Line.

Martindale Etchers write like a pencil on all articles made of iron and steel. Letters or numbers are burned into the metal making a clear, legible, and permanent record. Shapes can be more easily etched than stamped.

Electrical etching is quick and easy; merely plug the Etcher in, choose the "heat" best suited to the job, put the work on the ground plate, and begin to write. For etching large parts that can't conveniently be placed on the ground plate, a ground clamp is furnished. Depth of mark in the article being etched can be varied by the operator's speed of writing as well as by changing the amount of current

drawn.

A Martindale Electric Etcher will quickly pay for itself. Besides the time it will save, mistakes and thefts will often be avoided if tools, dies, etc., are marked.

In the Tool Room or Machine Shop — For marking tools, dies, jigs, gauges, etc., with such information as type, company name, department symbol, operation symbol, date of purchase, etc., etc.

In Production — For marking inspection data on parts or sub assemblies, for marking hardness data on tools, specifications on nameplates, etc., etc.

Included With All Etchers:

With all three models of Martindale Etchers, (also see page 59) the following accessories are included:

- 1 — Writing lead assembly consisting of 5' heavily insulated wire, handle, brass electrode, and connector.
- 1 — Ground lead wire — 5' heavily insulated wire, with connectors.
- 1 — 6-1/2" x 4" steel writing plate with hold-down clip.
- 1 — Battery clip for use when marking large pieces.
- 2 — Writing points — 1 solid copper and 1 with tungsten tip.



Utility Etcher

This popular low-priced Etcher, has been improved in several ways over previous models. It is suitable for all lighter etching applications on smooth iron or steel.

Features:

Three Heats: 1. 250 Watts; 2. 450 Watts; 3. 600 Watts.

Rotary Switch — 4 positions: Off, 1, 2, and 3.

Case includes storage space for accessories.

Accessories supplied are listed below.

For Catalog Numbers, etc., see next page.



No. 5-M
Standard Etcher

No. 5-M Standard Etcher replaces the former 3-M and 4-M models and is constructed to meet all requirements specified in government Spec. MIL-E-3118, Type 2 Heavy-Duty. With ten writing heats No. 5-M Standard Etcher is recommended for the widest variety of etching including heavy production work.

Features:

Ten Heats: 65, 100, 200, 300, 400, 500, 700, 900, 1100, and 1300 Watts.

Rotary Switch for quick and easy control of writing heats.

Case includes storage space for accessories.

Accessories supplied are listed below.

For Catalog Numbers, etc., see next page.

**Model C-M
Heavy-Duty Etcher**



Model C-M has found wide acceptance as a production line etching tool and also in tool rooms where heavy parts are marked. Its wide range of heats makes it suitable for use on small parts or (on one of the two highest heats) for marking large pieces such as crowbars, shovels, castings, etc.

The case for Model C-M is similar to the No. 5-M Standard Etcher. Pilot light and "On" and "Off" switch are included.

Features:

Six Heats: 180, 310, 425, 550, 800, and 1375 Watts.
Heat taps are taken from the secondary winding — the full primary is always in the circuit. This permits leaving the etcher connected to the line without danger of overheating when not in use, providing writing point and ground lead are not left in contact.

Case includes storage space for accessories.
See accessories included with Etchers, bottom of page 4.

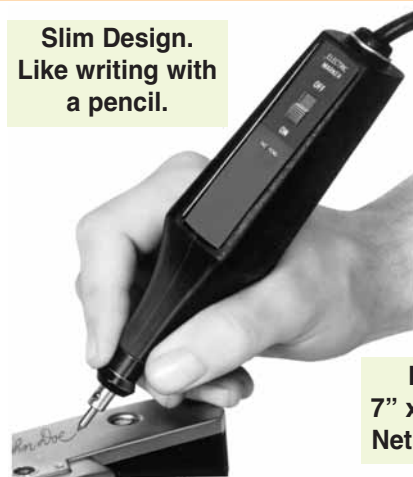
	No. 5-M Standard Etcher Catalog Number	Utility Etcher Catalog Number	Model C-M Heavy-Duty Etcher Catalog Number
Etcher Complete, as specified (including one Solid Copper Point and one Tungsten-Tipped Point), 115 V., 60 Hz. ....	.ETCH5MA	ETCHUTA	ETCHCMA
230 V., 60 Hz. ....	.ETCH5MB	ETCHUTB	—
Extra Writing Lead Assembly (5' heavily insulated wire, handpiece, and solid copper point only) ....	.ETCH10WLC	ETCH10WLC	ETCH10WLC
Extra Writing Lead Assembly (as above, but with tungsten-tipped point only) ....	.ETCH10WLT	ETCH10WLT	ETCH10WLT
Extra Solid Copper Writing Point only ....	.ETCH10C	ETCH10C	ETCH10C
Extra Tungsten-Tipped Writing Point only ....	.ETCH10T	ETCH10T	ETCH10T
Extra Ground Lead only with end connections (no ground plate) ....	.ETCH10GL	ETCH10GL	ETCH10GL
Extra Electrode (Point Holder) ....	.ETCH101	ETCH101	ETCH101
Shipping Weight ....	.26 lbs.	15 lbs.	27 lbs.

Martindale Electric Marker

This handy, low-cost industrial-quality marker quickly and easily engraves metal, glass, stone, ceramics, plastics, hard rubber, wood, etc. Cuts right into the surface to leave a permanent mark which can't be wiped off and won't wear away in normal use. Perfect for marking stock numbers, part numbers, sizes or names right on components, tools, and equipment.

Unique design reduces bouncing, puts power in the tip. Powerful coil provides 7,200 strokes-per-minute — won't stall under normal heavy operation. Stroke is adjustable to vary depth of mark. Equipped with a carbide tipped point for average marking. Diamond points are available for engraving extra hard materials (50 to 64 Rockwell, scale C).

**Slim Design.
Like writing with a pencil.**



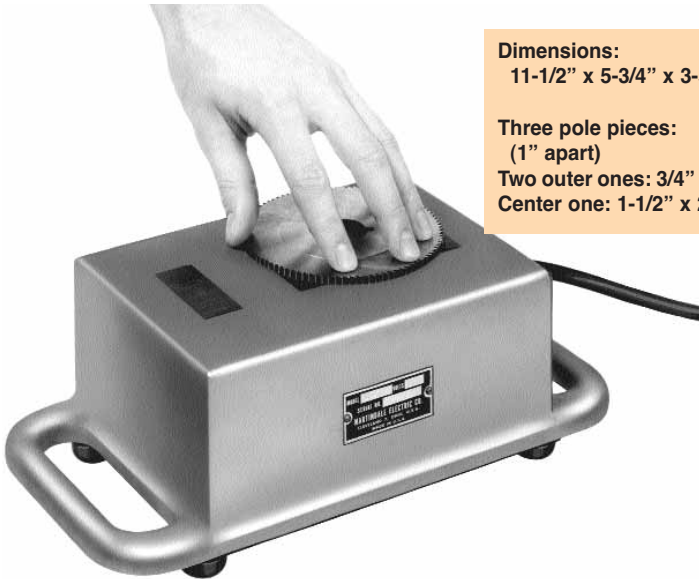
**Dimensions:
7" x 1-3/4" x 1-3/8"
Net Weight 13 ozs.**

	Catalog Number
Marker with carbide-tipped point, 115 V., 60 Hz. ....	.ELMK01A
Marker as above but with 3-wire cord and plug ....	.ELMK03A
Marker with carbide-tipped point, 230 V., 50 Hz. ....	.ELMK01B
Replacement point with carbide tip ....	.ELMKPC
Replacement point with diamond tip ....	.ELMKPD

Model D-3 Demagnetizer

Demagnetizers Keep Tools
 – Free of Metal-Slivers and Chips –
 – Saves Production Time –
 – Reduces Cost of Tool Maintenance –

“Surface” Type



Dimensions:
 11-1/2" x 5-3/4" x 3-5/8"

Three pole pieces:
 (1" apart)
Two outer ones: 3/4" x 2"
Center one: 1-1/2" x 2"

Above: Object to be demagnetized is drawn slowly across surface.



Right: Model D-3 used in inverted position to demagnetize a surface plate.

Cutting tools such as milling cutters, drills, saws, taps, dies, etc., do not operate at full efficiency if, because of magnetism, their cutting edges have small metal chips clinging to them.

Demagnetizing Is Quick and Easy

To demagnetize a cutting tool (or a metal part that has acquired magnetism from a magnetic chuck) you merely draw it slowly back and forth across the poles of the Model D-3 and then slowly draw it away. As the tool passes repeatedly through the magnetic field, its magnetism becomes progressively weaker. After a few seconds it is entirely demagnetized and can be put back into efficient operation.

Demagnetizing Large Parts

In cases where it is not convenient to move the part. Model D-3 can be held upside down by its handles and passed over the part until its entire surface has been exposed. A foot switch leaves both hands free when the demagnetizer is in use and assures the current being turned off when not in use.

Model D-3 is powerful, it draws 12 amperes.

Catalog Number
 Model D-3 Demagnetizer, 115 V., 60 Hz. **.DEMGD3A**
 Net Weight 19 lbs., Shipping Weight 20 lbs.

Model P-2 Demagnetizer

Model P-2 accomplishes the same result as Model D-3 (above) on any magnetized object that will go through the 5-3/4" inside diameter of the plastic-encapsulated coil.

In using Model P-2 both hands are left free to handle the work, as a foot switch is used for turning the power on and off.

While it is intended primarily for use at the bench, this demagnetizer can also be used as a portable tool for some limited applications.

Model P-2 draws 5.5 amperes. Magnetic field is approximately 280 gauss.

“Pass-Through” Type

Coil I.D.:
 5-3/4"

Dimensions:
 9" x 9" x 3-3/4"



Foot-switch leaves both hands free.

Catalog Number
 Model P-2 Demagnetizer, 115 V., 60 Hz. **. . .DEMGP2A**
 Net Weight 14 lbs., Shipping Weight 16 lbs.

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