

Minitor D Series Power Pack | Accessories

Power Pack

- Dual Operating Capabilities – Two operators can use all functions simultaneously
- High Torque at low rpm
- Reversing Switch prevents rollover on edges by reversing tool rotation

The Minitor “D” Series variable speed Power Pack NMS 0001 powers all D-M-E Minitor Handpieces. The power pack offers dual controls for use by two operators at one time. The power unit may be controlled by hand or by variable foot controls. This “D” Series System offers the latest in polishing technology for the ultimate in flexibility and accuracy.



SPECIFICATIONS

NMS-0001

Rated Voltage..... 117VAC ± 10%
 Frequency..... 50/60 Hz
 Output Voltage..... DC-30V (Continuous)
 Output Amperage..... 0.3 A (Variable)
 Output Socket..... 2 (Dual Control)

ITEM NUMBER
NMS-0001

NOTE: “D” Series Power Pack will accept previous Minitor Handpieces; Previous Power Pack will accept “D” Series Handpieces.

Accessories

MINITOR EXTENSION CORD (not shown) Flexible 6-foot coiled cord connects between any Minitor handpiece and Power Pack or Ultraform UF3000/5000I. ITEM NUMBER: UFPPEC-30



HANDPIECE CRADLE MODEL UFRM-01

This molded rubber stand provides a handy non-slip place to “park” any Minitor handpiece when not in use. The functional stand is an ideal way to keep your bench top neat, and your handpieces accessible.

ITEM NUMBER
UFRM-01



REPLACEMENT CURL CORD MODEL NMS-0015

This flexible coiled cord is designed to connect between any “D” Series Minitor handpiece and Power Pack or Ultraform Model UF5000.

ITEM NUMBER
NMS-0015



MINITOR FOOT CONTROL MODEL NMS-0020

The Minitor Foot Control provides solid-state, infinitely variable speed control for all Minitor handpieces. It is supplied with a 5-foot cord. For use with new “D” Series Power Pack only.

ITEM NUMBER
NMS-0020

Minitor D Series Belt Sander | Profiler R

Belt Sander

MODEL UFH-BS33

- Direct Motor Drive provides maximum power
- Spring Loaded Tensioning Device on belt arm enables quick change of sanding belts
- Lubrication not required

ABRASIVE BELTS

WIDTH	GRIT	ITEM NUMBER*
¼ (6mm)	80	ABB-08080
	120	ABB-08120
	180	ABB-08180
	240	ABB-08240
⅝ (8mm)	80	ABB-10080
	120	ABB-10120
	180	ABB-10180
	240	ABB-10240

*Pack of 10



ITEM NUMBER
UFH-BS33

SPECIFICATIONS

UFH-BS33

Input Voltage 0-30 D.C.V.
 Rated Amperage 0.3 D.C.A.
 Belt Speed 3 to 12 m/sec.
 Weight 450g

Profiler "R"

MODELS NMS-0005 AND NMS-0006

- Pistol Grip provides comfort and easy handling
- Curl Cord enables freedom of movement for greater accuracy
- Variable speed control and stroke adjustment provides maximum flexibility
- Accepts tool shanks up to 3/16" max

SPECIFICATIONS

NMS-0005

Rated Input Voltage 0-30 D.C.V.
 Reciprocating Stroke 0-6mm
 Frequency 0-4,200 strokes/min
 Rotation Speed 15,000 rpm
 Pulley Reduction Rate 1:3.4
 Size 145 mm (L) × 40mm(W) × 130mm(H)
 Weight 675g



ITEM NUMBER
NMS-0005

NMS-0006

Rated Input Voltage 0-30 D.C.V.
 Reciprocating Stroke 0-2mm
 Frequency 0-7,000 strokes/min
 Rotation Speed 15,000 rpm
 Pulley Reduction Rate 1:2
 Size 145mm(L) × 40mm(W) × 130mm(H)
 Weight 675g

ITEM NUMBER
NMS-0006

Minitor D Series Rotary Handpieces | Profiler S

Rotary Handpieces

MODELS NMS-0002, NMS-0003, and NMS-0004

The new slim line rotary handpieces are perfectly balanced for ease of handling in even the most difficult jobs. The NMS-0002 provides high torque for heavy duty applications, while the NMS-0004 with its speed of 55,000 RPM is ideal for carbide burs, CBN and diamond tools.

- Quick release 1/8" and 3/32" collets for rapid tool changing
- Curl cord plug-in for quick replacement (No screws or soldering required)
- Range of 15,000 to 55,000 rpm

SPECIFICATIONS

NMS-0002	NMS-0003	NMS-0004
Rated Input Voltage 0-30 D.C.V.	Rated Input Voltage 0-30 D.C.V.	Rated Input Voltage 0-30 D.C.V.
Rotation Speed..... 0-15,000 rpm	Rotation Speed..... 0-30,000 rpm	Rotation Speed..... 0-55,000 rpm
Max Shaft Output..... 60 W	Max Shaft Output..... 70 W	Max Shaft Output..... 40 W
Max Shaft Torque..... 0.076 N.m.	Max Shaft Torque..... 0.059 N.m.	Max Shaft Torque..... 0.027 N.m.
Size..... 32 x 170 mm	Size..... 32 x 170 mm	Size..... 27 x 150 mm
Overall Weight..... 270g	Overall Weight..... 270g	Overall Weight..... 190g
Motor Weight..... 170g	Motor Weight..... 170g	Motor Weight..... 90g

Note: Due to improved design, "D" Series Motors and Heads are not interchangeable with previous models.

ITEM NUMBER
NMS-0002
NMS-0003
NMS-0004

*Standard Head NMS-0009 comes with all handpieces.



Profiler "S"

MODEL NMS-0007



- Compact and lightweight for precise operation
- Reduced vibration for greater accuracy
- Variable stroke and speed control

ITEM NUMBER
NMS-0007

(Users NMS-0016 Motor)

SPECIFICATIONS NMS-0007

Rated Input Voltage 0-30 D.C.V.
Rotation Speed..... 0-8,000 rpm
Chuck Capacity..... 0.60-.156 (1.5 mm-4 mm)
Swing Stroke..... 0-.062 (0-1.6 mm)
Stroke Frequency..... 0-8,000 stroke/min
Size..... 32 x 190
Weight..... 290g
Motor Torque..... 0.073 N.m.

Minitor D Series Motors | Accessory Heads

ITEM NUMBER	RPM
NMS-0012	15,000
NMS-0013	30,000
NMS-0016	8,000



NOTE: Due to improved design, "D" series motors and heads are not interchangeable with previous models.

Accessory Heads

STANDARD HEAD MODEL NMS-0009

- 1/8" Std. Collet
- 3/32" and 3mm optional



This all-purpose rotary head is the same one supplied with handpiece Models NMS-0002, 0003 and 0004. It features a quick-release collet mechanism for rapid tool changes and is supplied with a 1/8" collet.

ITEM NUMBER

NMS-0009

120° HEAD MODEL NMS-0011

- 1/8" Std. Collet
- 3/32" and 3mm optional



NOTE: For use with NMS 0012 motor only
This very useful head easily reaches those smaller and deeper areas that are unreachable with other types of heads. A quick-release collet is featured and a 1/8" collet is supplied with the head.

ITEM NUMBER

NMS-0011

90° HEAD MODEL NMS-0010

- 1/8" Std. Collet
- 3/32" and 3mm optional



NOTE: For use with NMS 0012 motor only.

This useful head provides access for many finishing and polishing jobs. The right angle configuration is ideal for use with abrasive and polishing disks, felt bobs and more. This versatile head features a quick-release collet mechanism for rapid tool changes, and is supplied with a 1/8" collet.

ITEM NUMBER

NMS-0010

HEAVY-DUTY HEAD MODEL NMS-0017



NOTE: Not for use with NMS-0014 motor.

This rotary head accepts larger 1/4" shank tools for increased stock removal. It features a quick-release collet mechanism for rapid tool changes, and is supplied with a 1/4" collet.

ITEM NUMBER

NMS-0017

SLENDER HEAD MODEL NMS-0018



This pencil-like rotary head is ideal for working deep cavities and restricted areas. The profile provides an extra 40mm reach over the standard rotary head. It features a quick-release collet mechanism for rapid tool change. Supplied with a 1/8" collet.

ITEM NUMBER

NMS-0018

Steel Files | Diamond Files


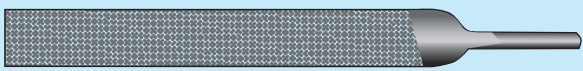












STEEL FILES

SWISS PATTERN

Precision-cut and made of high-quality steel. All are available in either "00" or "01" cut and have 1/8 shanks.

ITEM NUMBER	CUT
STL-00-SET	00
STL-01-SET	01

QUANTITY DISCOUNTS:
Discounts apply to current Net Prices. Shapes and cuts may be mixed.
5 or more Less 10%




















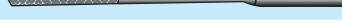




STEEL FILES (STL-101 – 4" LONG, ALL OTHERS 3 1/2" LONG)		SHAPE	DESCRIPTION	ITEM NUMBER
		Flat	.400 wide x .110 thick	STL-101-*
		Flat	.200 wide x .060 thick	STL-1-*
		Round	.045 to .125 dia.	STL-2-*
		Half Round	.125 to .180 wide .045 to .100 thick	STL-3-*
		Crossing	.100 to .180 wide .045 to .075 thick	STL-4-*
		Triangular	.070 to .125 per side	STL-5-*
		Square	.045 to .100 per side	STL-6-*

*When ordering files above, add "00" or "01" to end of item number to indicate cut desired (e.g. STL-1-00).

DIAMOND FILES

D-M-E diamond files are particularly adapted for cavity finishing. Diamond particles are accurately graded and then metal bonded with points exposed. All D-M-E diamond files are supplied with 1/8 shanks. Heavy black lines on end cross sections indicate cutting edges.

QUANTITY DISCOUNTS:
Discounts apply to current Net Prices. Shapes and cuts may be mixed.
5 or more Less 10%

STANDARD DIAMOND FILES (2" LONG)		SHAPE	DESCRIPTION**	ITEM NUMBER
		Flat	.0787 wide x .046 thick	DLA 2 x 1
			.1181 wide x .046 thick	DLA 3 x 1
			.1575 wide x .046 thick	DLA 4 x 1
			.1575 wide x .0787 thick	DLA 4 x 2
			.1969 wide x .0787 thick	DLA 5 x 2
		Round	.046 diameter	DLA 1
			.0787 diameter	DLA 2
			.1181 diameter	DLA 3
		Triangular	.0787 x .0787 x .0787	DLA T2
			.1181 x .1181 x .1181	DLA T3
		Crossing	.1610 wide x .0722 thick	DLA R2.5 x R5
LONG DIAMOND FILE (3 1/4" LONG)			**100 MICRONS	
		Flat	.1969 wide x .0600 thick	DLE 1

Half Rifflers | Felt Bobs


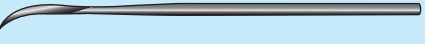


















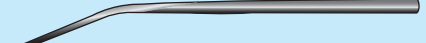

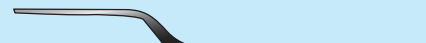

Half Rifflers

FOR USE WITH MINITOR PROFILER 'R'

The half rifflers illustrated below are precision-cut swiss pattern ruffle files made of high-quality steel. D-M-E half rifflers are available in a variety of shapes. All are available in either "0" or "2" cut, have 1/8" shanks and are 3 1/2" long.

QUANTITY DISCOUNTS:

Discounts apply to current Net Prices.
Half rifflers shapes and cuts may be mixed.
5 or more Less 10%

	ITEM NUMBER PREFIX*		ITEM NUMBER PREFIX*
		HR 556	
		HR 557	
		HR 558	
		HR 559	
		HR 560	
		HR 561	
			
			
			
			
			
			

*When ordering half rifflers above, add "0" or "2" to end of item number to indicate cut desired (e.g. HR-556-0).

Felt Bobs

FOR USE WITH MINITOR PROFILER 'R'

- 45° angle end cut
- 1/8" diameter x 1 1/4" long shanks

SIZE	MEDIUM	HARD	ROCK HARD
	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER
1/4 x 1/4 x 1 1/2	LSB-1-M	LSB-1-H	LSB-1-DH
3/8 x 3/8 x 1 1/4	LSB-2-M	LSB-2-H	LSB-2-DH
1/2 x 1/2 x 1 3/4	LSB-3-M	LSB-3-H	LSB-3-DH

