



## Freedom Portable Brush Type Micromotor Kits

- Available with 3/32" (2.35mm) or 1/8" (3mm) collet installed.
- Control unit features a **digital RPM display** at the top that makes it easy to monitor speed as you work. The dial on the front adjusts speed from **0-30,000 RPM**.
- **Run time is approximately 5 hours**, depending on how long the micromotor is in continuous use when in battery mode, or plug it in for a day-long use.
- Built-in lithium-ion rechargeable battery for **the ultimate in portability**. Battery charge time is 3 hrs.
- Perfect for users who work at multiple stations.
- Handpiece (motor) is **small and lightweight yet has plenty of power** for fine detailing, polishing and even grinding on metal, wood, glass and many other materials.
- Fan cooled, brush type continuous duty motor **runs cool and vibration-free**. It has permanently lubricated, shielded ball bearings that require no additional lubrication.
- Handpiece has a **twist release rotary type collet** for easy changes.
- **Comes with spare motor brushes and collet changing wrenches**. Collets can be installed and changed.



Item	Collet Size
09E-FRM5000	3/32"
09E-FRM5001	1/8"

### Control Unit with Built-in Rechargeable Battery

Front:	Speed Control Dial
Top:	Handpiece Connector Port 2-Digit RPM Display LED Indicator Lights: Optional On/Off Foot Switch in use, Rotational Direction, Battery Charging, and Overload.
Side:	On/Off Button
Panels:	Adapter/Charger Connector Port Forward/Reverse Button Optional Foot Switch Connector Port On/Off Foot Switch (Optional) Button
Specs:	2-3/4" Wide, 1-1/4" Deep, 5-1/4" Tall, 9.77 oz. Output: DC 12V/1.2A

### Handpiece - Motor

Specs:	5" Long, 1/2" Diameter at grip, 7/8" at motor, 6.46 oz/183g Cord Length: 59" DC12V/1.2A, 4.11 in.-oz or 29mNm or 25w Max Torque or Watt Output
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### Rechargeable Lithium Ion Battery

Specs:	14.8v-1,800mAh Charging Time: 3 hrs, Working Time: 5hrs
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Kits Include:	
H.MH-130 (3/32" collet) or H.MH-13018 (1/8" collet) Handpiece	
HP4-310	Control Unit with Built-in Battery
HP8-306	Charger/Adapter
HP4-933	Handpiece Cradle
HP8-163	Motor Brushes, Spare
Available Accessories:	
Plastic Case, Item 09F-MTA1338	
Carrying Pouch, Item 09F-MTA1339	
Foot Control, Item 09F-MTA1341	
3/32" Collet Adapter for 1/8" Kit Item 09C-FRH6000	



10Z-MSC2047