



### Polytor Handpiece US21

- Compact and lightweight
- **\*Built-in ON/OFF switch**
- **\*Removable curled power cord makes storage easy and prevents maintenance problems**
- Employs an advanced high performance oscillating unit
- **\*Up to 45 micron amplitude**
- **Included:** .6 x 5 x 65 plated 400 grit diamond file with holder
- **Included:** 1.6 x 6 x 39 200 grit sintered diamond file
- **Included:** 1 x 6 x 50 400 grit ceramic stone with holder

### Polytor Power Pack P111

- Automatic follow-up sensor detects the optimal resonance frequency for each tool ensuring maximum performance
- **\*Audible sound for on/off**
- **\*Overload indicator with audible alert**
- A wide range of operational frequencies enables various tools to be used
- **Included:** RM11 rubber handpiece cradle
- 1 year limited warranty on USP 2000

#### Additional accessories included with this kit:

A-L-1006M 1 x 6 x 100 mm Ceramic Stone 140 grit  
 A-O-1006M 1 x 6 x 100 mm Ceramic Stone 180 grit  
 A-P-1006M 1 x 6 x 100 mm Ceramic Stone 240 grit  
 A-R-1006M 1 x 6 x 100 mm Ceramic Stone 1000 grit  
 510.2029 DiaMold Lubricant, pint container  
 F5811 Polytor Tool Holder with Wood 3 x 7 x 35  
 F5701 Polytor Tool Holder with Brass 2 mm dia. x 48  
 One each 15-, 9-, 6- & 3-MDP DiaMold diamond compounds  
 In 5 gram syringes.

Specifications P111 Polytor Power Pack	Specifications US21 Polytor Handpiece
Input: 115 v. 50/60 Hz Output: 60 VA Output Volts: 80 v. AC Frequency: 25 +/- 5 kHz	Speed: 30,000 cycles/sec. Frequency: 25 +/- 5 kHz Amplitude: 45 um Weight: 215 grams

The new Polytor USP 2000 ultrasonic finishing system is a combination of the US21 handpiece and the new P111 Power Pack. Together, the USP 2000 ultrasonic system is indispensable for mold polishing with high efficiency and high precision, which provides powerful and stable ultrasonic vibration. The lightweight and ergonomically-designed US21 handpiece is great for working small and intricate areas on most any material. Use in ribs and slots where hand work is difficult. Because the reciprocation is short and moves with ultrasonic speed, the tool tip can be used in corners, wall ends and for fine detail work. Since the frequency is adjusted automatically via the feedback system, operation of the USP 2000 system is quick and easy. There are a large variety of tools for use with the USP 2000. Please see our catalog for a full listing of all these tools plus a large variety of other fine Engis and Minimo polishing tools and accessories.

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