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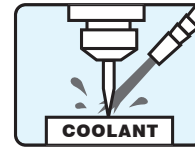
YOUR COMPANY LOGO & CONTACT **HERE**

SALES SUPPORT & SERVICE  
**(740) 392-0330**

**ULTRA-PRECISION HIGH-SPEED MILLING SPINDLE**

# HES810

**Electric System**



*HES Series can be used in conjunction with water or oil based coolants.*

## 20,000-80,000 rpm

Ideal Operating Speed **50,000-80,000 rpm**

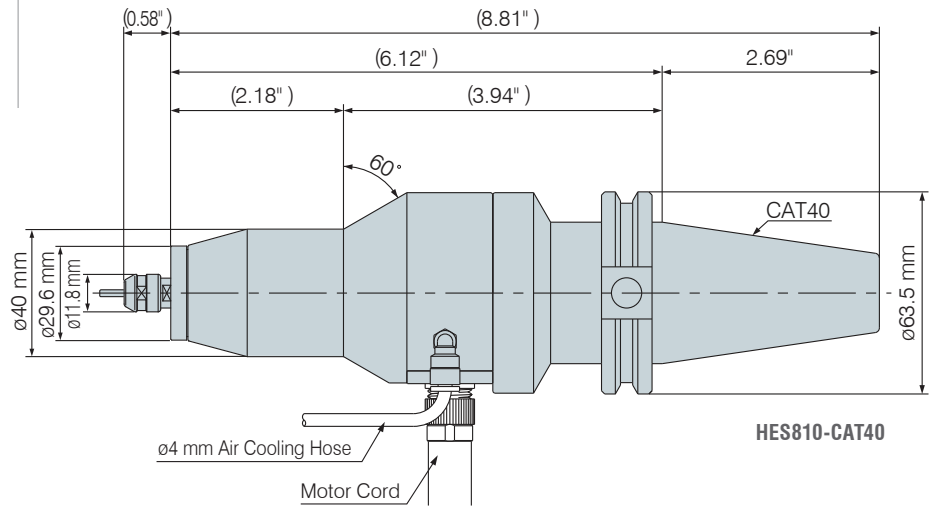
Max. Output Power **350W**

Spindle Accuracy **+/- 1 μm**

Standard Size Collet **1/8"**

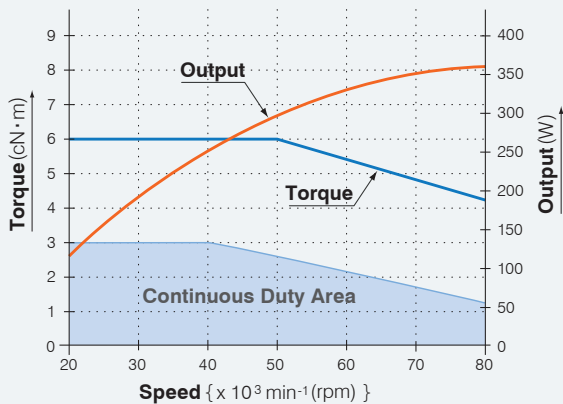
- Brushless DC motor
- Ceramic Bearings
- Smooth Rotation, Low Vibration
- One-Piece motor and spindle construction
- Emergency Connector
- Excellent Durability by air-cooling system
- Best for small diameter milling, < 0.08"

The Ultra-Precision, High-Speed HES810 spindles allow you to use your existing equipment for a much larger variety of operations. Conventional milling machines and machining centers can now do high-speed machining, small diameter drilling and milling with extremely good surface finishes with the HES810.



### Torque & Output Power

Characteristic of HES810



Cat#	Model	Lbs	Diameter	Length	List Price
7611	HES810-BT30	4.41	63mm	7.83"	<b>\$5,408.00</b>
7612	HES810-BT40	4.85	63mm	7.90"	<b>\$5,559.00</b>
7613	HES810-NT40	5.07	63mm	8.99"	<b>\$5,559.00</b>
9201	HES810-CAT40	5.28	63.6mm	8.81"	<b>\$5,559.00</b>
7614	HES810-BT50	10.80	100mm	9.73"	<b>\$5,862.00</b>
7615	HES810-HSK A63	5.73	63mm	8.04"	<b>\$5,710.00</b>
7616	HES810-ST32	5.07	63mm	8.20"	<b>\$5,181.00</b>

# ULTRASONIC POLISHER **SHEENUS neo**

## Handheld Polisher

INCLUDES

**Control Unit**  
 (NE240-120V)

**Ultrasonic Handpiece**  
 (US-25PB)

### Accessories included

- Tip Holder (60902)
- Tip Holder (60922)
- Ceramic fiber grindstone (60725)
- Electroplated diamond file (60101)
- 2 AC120V Fuses (T1.6AH 250V)
- Tool box (plastic)
- Handpiece stand (K-274)
- Wrench (10 mm)
- Allen Wrench (2.5 mm)
- Foot Pedal (FC-24)

**MODEL**  
**US-25PBS-120V**

Catalog Number: 8094

MSRP: **\$2,892.00**

- For grinding, polishing and mirror finishing on a wide range of materials from aluminum dies to cemented carbide.
- Perfect for plastic molds, press, casting, forging, trimming and header dies.
- Quickly remove hard layers of EDM deposit, polish complex areas.
- Burr removal, grinding and polishing of precision molds, dies, electronic and ceramic components.

## The Control Unit

- **Digital Displayed Function**
- **2 Mode Display Selection: WATT, POWER**
- **Easy Touch Function Switches**
- **Maximum output of 45W (Center Frequency 22.5KHz) and constant output power.**

### SPECIFICATIONS

Model : **NE240-120V**

Power Source : **AC120V, 50-60Hz**

Power consumption : **100VA**

Dimensions : **8.86"W x 7.68"D x 3.82"H**

Oscillation frequency: **22.5KHz (center frequency)**

Power conditioning: **Continuous variable type**

Frequency control: **Homing type**

Output power: **UNCLAMP mode Max. 45W**

Output power: **CLAMP mode Max. 20W**

Weight: **4 lb, 10.07 oz**



## The Ultrasonic Handpiece

- **Ergonomically comfortable and light for effortless work over long periods.**
- **Lightweight, resin body ergonomically designed to provide precise control while operating.**

### SPECIFICATIONS

Model: **US-25PB**

Oscillator : **PZT piezoelectric type**

Attachment fixing : **M6 screw**

Cable length : **6 ft**

Dimensions : **1.10" x 5.28"**

Weight : **4.94 oz (excluding cable)**

