

**Gesswein**

# **Bench Essentials**

Enhance the quality and efficiency of your work



# Micromotor Systems

Whether you're a master metalsmith or new to the industry, we carefully selected some of our favorite tools to make fabricating jewelry easier and more efficient for you. We are proud to offer a variety of quality abrasives, micromotor systems, ultrasonic polishers, and accessories that will help you achieve better results faster.



5102980

## ECO-Torque

[See price here](#)

35,000 RPM

The perfect system for occasional light grinding, drilling, or polishing, the ECO-Torque will get the job done. 110/220V, 50/60Hz. Made in South Korea.

### Includes:

- Compact controller with 110/220V selector switch
- Dial speed control
- Forward/reverse switch
- Lightweight 35,000rpm rotary handpiece with 3/32" collet
- On/off foot switch
- Handpiece cradle rest
- Replacement pair of carbon brushes and collet chuck wrenches

# Micromotor Systems



5102956

## Marathon

[See price here](#)

35,000 RPM

An affordable do-it-all rotary micromotor system! Great for polishing and texturing jewelry surfaces, sizing, drilling, grinding, stone setting, and much more. Quick tool changes keep work flowing to increase production. 110/220V, 50/60Hz. Made in South Korea.

### Includes:

- Compact controller
- Dial speed control
- 35,000 rpm, 3/32" handpiece (1/8" or 3mm collets available separately)
- Variable-speed foot rheostat
- Handpiece cradle rest
- Safety goggles
- Wrench
- Forward/reverse switch

5102929

## Freedom® Brushless

[See price here](#)

50,000 RPM/160W

This powerful, steady, and smooth running micromotor system delivers high-torque and two speed settings for grinding, finishing, and polishing. Can be run at full speed at 50,000 rpm or between 500-5,000 rpm. The sealed plastic housing protects the controller from dust, noise and excessive vibration. Made in China.

### Includes:

- Controller (115/230V)
- 50,000 rpm, brushless handpiece (3/32" and 1/8" collets included)
- Variable-speed foot rheostat
- Handpiece cradle rest and holder
- Forward and reverse
- Sealed plastic housing



# Micromotor Systems



5102985

## OZ Elite

[See price here](#)

50,000 RPM/230W

The OZ Elite Micromotor system features an advanced controller and a 50,000 rpm, 230W brushless rotary handpiece for incredible power. Ideal for a variety of applications including grinding, finishing and polishing. 100-120V, 50/60Hz. Made in South Korea.

### System includes:

*Controller, handpiece with 3/32" and 1/8" collet, variable speed foot rheostat, handpiece cradle rest.*

- Controller can be oriented on bench vertically or horizontally
- 50,000 rpm, brushless handpiece (3/32" and 1/8" collets provided)
- Variable-speed foot rheostat
- Handpiece cradle rest
- Forward and reverse
- Detachable handpiece holder
- Replacement fuse
- Auto-cruise function for fixed speed operation

# Abrasives & Accessories



3551101

## NSS Round Super Stone - 5-Piece Set

[See price here](#)

Polish small intricate areas sandpaper can't reach with NSS Round Super Ceramic Stones. Just dress the stones to a very fine point to polish details that are otherwise inaccessible. Made of long ceramic fibers which do not break or dull but remain strong, yet flexible. Use in a 3/32" rotary handpiece with or without a holder. Made in Japan. Includes 5-pieces: Gold #180, Orange #400, Gray #600, Blue #800, and Red #1200.



## Mini Mounted Abrasive Buff Sets

1075988

### 10-Piece All Grit Set

[See price here](#)

*The 10-Piece Set includes one of all the grits from 80 to 1500.*

1075990

### 6-Piece Coarse Grit Set

[See price here](#)

*The 6-Piece Coarse Set includes one each grit: 80, 150, 220, 320, 400, and 600.*

1075989

### 4-Piece Fine Grit Set

[See price here](#)

*The 4-Piece Fine Set includes one of each grit: 800, 1000, 1200, and 1500.*

These small abrasive buffs smooth and brighten metal in hard-to-reach places like the inside of a ring. Made from a unique blend of abrasive cloth flaps and a unitized fiber core. 3/32" shank. Made in Thailand.

## Rhino Finger Skins - 4-Piece Set

8160228

### Small/Medium

[See price here](#)

8160229

### Medium/Large

[See price here](#)

Rhino Finger Skins are made of a surgical grade neoprene that stretches in both directions while letting you feel what you're working on. These flexible, stretch-fit, durable finger skins will help protect against abrasions, cuts, and burns on your fingers and thumbs while grinding, sanding, polishing and finishing. The skins are especially effective in providing heat protection up to approximately 200°F (93°C). Includes four pieces: two finger sleeves and two thumb sleeves. Made in USA.



# Ultrasonic Polishing Systems



5000302

## ULTRAMAX® Mini

[See price here](#)

18-26kHz/36W

Achieve precision finishing in the tightest areas with ultrasonic polishing and burnishing. The ULTRAMAX® Mini Ultrasonic Polishing System comes with a carbide burnishing tip that effortlessly glides across the metal surface leaving mirror-like finishes on your workpieces. The ergonomic handpiece operates with very little vibration so you can use it comfortably for long periods of time. One-year manufacturer's warranty. 90-250V, 50/60Hz. Made in Taiwan.

### Features:

- Designed to work on gold, silver and other soft jewelry metals, as well as platinum
- Advanced ultrasonic technology drastically reduces finishing time for increased productivity.
- Automatic frequency adjustment provides optimal efficiency for excellent finishing results.

### Kit Includes:

- 1 - ULTRAMAX® Mini Controller
- 1 - ULTRAMAX® Mini Handpiece GS-H26
- 1 - Foot Switch
- 1- Tool Changing Rack
- 1 - Handpiece Cradle Rest
- 1 - 6mm Adapter
- 1 - Round Carbide Tip - 2mm
- 1 - M6 Carbide Tool Holder
- 2 - M6 Flat Tool Holders, 1.1mm and 3.1
- 1 - M6 Round Tool Holder, 3.0mm diameter
- 1 - Hex Wrench
- 1 - Spanner Wrench
- 4 - Ceramic Stones - 1x4x40 in various grits
- 6 - Diamond Files in various grits

# Ultrasonic Polishing Systems



5100895

## SonoCraft ST-360

[See price here](#)

21-24kHz/45W

Traditionally used to finish intricate details in most jewelry, the ST-360 ultrasonic polishing system allows you to achieve precision finishing in the tiniest of areas. The ST-360 is a very versatile machine with four ultrasonic oscillation modes. Single Hit Mode tightens beads onto stones with minimal or no touch-up required. Intermittent Mode (Slow) delivers slow, repeating impacts for engraving. Intermittent Mode (Rapid) repeats impacts for engraving. Continuous Mode offers constant fast impact for burnishing and polishing. One-year manufacturer's warranty. 110-120V. Made in Japan.

### Features:

- Drastically reduces finishing time for increased productivity
  - Excels at removing rapid prototyping marks leaving a mirror finish in 1 step
  - Automatic frequency adjustment provides optimal efficiency
- High output power handles all kinds of metals with ease

### Kit Includes:

- 1 - Sonocraft ST-360 Controller
- 1 - Handpiece HP-9706
- 3 - Carbide tips
- 3 - Ceramic stones
- 1 - Diamond file
- 2 - Tool holders (2.0mm diameter and 2.5mm diameter)
- 2 - Spanner wrenches
- 2 - Allen wrenches

