

# Setting up Your Home Faceting Studio

## A Shopping List

(Prices valid as of August 2020)

### Handpiece Faceting Machine

The machine used in the videos is the [Sterling ST-08](#). We recommend two models:

ST-08 with Cheater "C-Type" Handpiece and Fixed Speed Base: \$1300 plus shipping

ST-08 with Cheater "C-Type" Handpiece and Variable Speed Base: \$1650 plus shipping

Both models come with Index Gear, Dops, Drip Tank, Master Lap. We recommend you order a 96 and 80 index when you order the machine. Variable speed preferred.

### Tools and Accessories Package (\$375 plus shipping, [available from IGT](#))

Belomo 10x Triplet Loupe

Loupe Gauge

Topper Cutting Laps: 320/800/1200 grit (1 each)

Felt Polishing Lap

Diamond Powder: 0-5 and 0-1 (10cts each)

Singer Oil (For making diamond slurry. Approx. 1-year supply)

Red Dop Wax (Medium Heat)

Loctite 480 Super Glue (Approx. 1-year supply)

Alcohol Burner and 10 replacement wicks

LED Gooseneck Lamp

Digital Calipers

Digital Gem Scale

Tweezers (2 types; regular for holding stone, locking for holding hot dops)

3 Prong retractable gem grabber

Gem Bags

2 Small bowls (For holding diamond slurry)

Lap Holder (Holds 4 Laps)

Cutting Board (To set your dopping station on)

Plastic Tray (To organize your tools on)

2 Spray bottles and Locking glass jar (For alcohol and acetone)

Synthetic Sapphire (5 stones, for prepping the polishing lap and practicing)

Waste Water Tube and Hose Clamp (the tube locks onto the Sterling machine)

### Polishing Laps (\$293 plus shipping)

We recommend the following items from [Gearloose](#). With 2 laps you can do everything!

[Dominatrix 8"](#) \$168 (For everything but quartz, use 0-5 on the outer ring and 0-1 on the inner ring)

[Darkside 6"](#) \$75 (For Quartz and any stones that need oxides to polish)

[Battstik](#) \$22 each (We recommend 1 Cerium and 1 Zirconium stick but getting all 4 wouldn't be bad)

[Battstik Sharpener](#) \$6 (For preparing the Battstiks)

### **Accessories you need to get locally**

Acetone (100% for removing wax and glue from the stone, possibly from nail supply store)

100%, Alcohol (for the alcohol burner, sometimes known as methylated spirits)

Blue Rubbing Alcohol (For cleaning stones, isopropyl from the pharmacy)

Gem Saw (For cutting large pieces into smaller pieces)

Small Garbage Can

Waste Water Bucket (We recommend a 5-gallon water jug)

Paper Towel (For cleaning stone as you are polishing)

### **Furniture (\$240)**

We recommend two desks for a perfect handpiece faceting setup. Both can be purchased from IKEA which is nearly worldwide.

[Lisabo](#) \$99 (Main table for putting your faceting machine on)

[Linnmon](#) \$30 (Side table for putting your tools on and attaching your lamp, 47¼ x 23<sup>5</sup>/<sub>8</sub>" )

[Lergberg](#) \$15x2 (Legs for you Linnmon Desk)

[Flintan](#) \$80 (Office chair with a mesh back and adjustable height)

### **Setup Video**

You can see a video documenting the studio we have setup and see everything on this list and how its placed in the studio here: <https://youtu.be/ZktcQ6yNvDo>