



# Time to buy a laser welder?

## *Top 10 reasons jewelers need a workshop laser welder*

### 1. **Fix Platinum porosity**

Found a small hole in that ring during final polish and the customer is arriving in an hour? No problem, fill with platinum wire and laser spot weld for an invisible repair.

### 2. **Size Platinum rings**

Need an invisible ring sizing in platinum? Laser welding is stronger than solder and you never can see the join if you do it by laser welding.

### 3. **Re-tip worn prongs without tears**

Problem with a multi-stone ring which needs re-tipping? No need to unset everything – leave the other stones in place while you build up the prongs with laser.

### 4. **Repair antique silver pieces**

Antique silver wearing thin? Easily fill with silver solder wire and laser welding to repair antique silver without loss of patina.

### 5. **Tack silver pieces for soldering**

Fed up with binding wire? A laser tack weld will hold items together and allows perfect pre-alignment in seconds – the laser weld will withstand solder temperatures without moving and allowing you to flow solder freely.

### 6. **Fill personalized engraving**

Personalized engraving may have sentimental value, but what to do when it becomes out of date? Fill perfectly with wire of the same material and laser welding, then re-engrave if you need to.

### 7. **Create stunning commissions**

Laser welding enhances creativity – if you can see it you can weld it, and low heat input allows stunning results and eye-catching designs.

### 8. **Repair Titanium and stainless steel**

Struggle to weld or repair items in titanium or stainless steel? With laser welding you can weld any metal as long as the metallurgy is suited to welding.

### 9. **Economic repair of costume jewelry**

Not worth economic repair, or made from a poor quality material? Even costume jewelry can be repaired and filler wires suitable for welding all metals are available.

## 10. **Join finest wires**

Laser welding is so fine you can join wires as small as 0.01 mm in diameter with ease.

Using a microscope you can be confident that the weld will be perfectly positioned.