

## The Newest Technology in Laser-Welders

Low Cost! Affordable! Reliable! Low Maintenance!

### **New** 30 Joule Desk Top Micro Laser Welder

#### 30 Joule Desk Top Micro Laser Welder

This laser is the first of its kind. Its small size allows it to be used in any facility. Thus, making it the perfect solution to retailer's lightweight, basic repairs where a large machine would not be justified.

- The perfect solution to retailer's lightweight basic repairs
  - Duty cycle of over 7,000 shots per hour
- Perfect for Platinum, Gold, Silver, Palladium, Stainless and Titanium
  - Easy to transport and move around in the shop or on the road
    - Leica Optics
    - Very low maintenance
    - Simple to operate



**T-DLW**

# Laser Welders

### Technical Specifications

Laser Crystal	Nd: YAG, 1064nm
Maximum Average Power	30W
Pulse Energy	.5 - 30 Joules @ 8ms
Peak Pulse Power	3 kw
Pulse Duration	1.0 - 8.0 MS
Pulse Frequency	Single Pulse - Continuous Pulse 1.0 - 3 Hz
Spot Diameter	.2mm - 2.0mm
Controls	Simple Joystick Controller
Optical Viewing System	Stereo - Microscope
Cooling off the Laser	Water / Air Cooled
Compressed Air & Inert Gas	Yes
Protection Gas Supply	Double Nozzle
Electrical Connection	200-240V / 50-60Hz, 10A
Dimensions	17.5" H x 21" D x 16" W
Weight	60 lbs Approx
Warranty	12 Month or 2 Million Shot Standard (24 Month Plan Available)



## The Newest Technology in Laser-Welders

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### **New** 60 Joule Desk Top Micro Laser Welder



#### Powerful 60 Joule Desk Top Micro Laser Welder

The BD60 Pro Micro Laser is the most cost effective laser available. It can out perform many other larger sized welders and it's small size allows it to be used in any facility. It is designed for users that want the abilities of a larger machine but are excluded by the cost.

- Designed and Manufactured for heavy workloads
- Suitable for large manufacturers, retail shops, or small kiosks
- Perfect for Platinum, Gold, Silver, Palladium, Stainless and Titanium
- Easy to transport and move around in the shop or on the road
  - Shipped for Plug and Go Operation
    - Continuous use duty cycle
      - Leica Optics
    - Very low maintenance
    - Simple to operate

#### **T-DLW60**

#### Technical Specifications



Laser Crystal	Nd: YAG 1064nm
Maximum Avg Power	40W
Pulse Energy	.5 - 60 Joules @ 15ms
Peak Pulse Power	4 kw
Pulse Duration	0.5 - 15.0 MS
Pulse Frequency	Single Pulse / Continuous Pulse 1.0 - 10 Hz
Spot Diameter	.2mm - 1.5mm
Controls	Simple Joystick Controller
Optical Viewing System	Stereo - Microscope
Cooling off the Laser	Water / Air Cooled
Compressed Air & Inert Gas	Yes
Protection Gas Supply	Single Nozzle System
Electrical Connection	200-240V / 50-60Hz, 10A
Dimensions	17.5" H x 26" D x 16" W
Weight	70 lbs Approx
Warranty	12 Month or 2 Million Shot Standard (24 Month Plan Available)

# Laser Welders