

INNOVATIVE, COMPACT, INEXPENSIVE



| TECHNICAL SPECIFICATIONS     |                                 |
|------------------------------|---------------------------------|
| LASER SOURCE AND WAVE LENGTH | Nd:Ce YAG 1064 nm               |
| IMPULSE TIME                 | 0,1-6 ms                        |
| SPOT DIAMETER                | 0,2-1,5 mm                      |
| EXTERNAL CONTROL             | APP ON MOBILE                   |
| POWER SUPPLY                 | 110/230 V AC, 50/60 Hz - 1,8 kW |
| PEAK POWER                   | 2,5 kWp                         |
| AVERAGE POWER                | 10 W                            |
| FREQUENCY                    | 4 Hz                            |
| AMPERE                       | T16A                            |
| DIMENSION                    | 340x340x340 mm                  |
| WEIGHT                       | 15 kg                           |
| COOLING                      | LIQUID                          |
| WORKING ENVIRONMENT          | 17-35°C UR 65% NON-CONDENSING   |



Complies with 21 CFR 1040.10 except for conformance with IEC60825-1 Ed.3., as described in Laser Notice No.56, dated May 8,2019

DANGER - INVISIBLE LASER RADIATION AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED LASER RADIATION

|            |               |       |
|------------|---------------|-------|
| WAVELENGTH | AVERAGE POWER | PULSE |
| 1064nm     | 10W           | 3ms   |

CLASS 4 LASER PRODUCT IEC60825-1:2014

DADOWELDER.COM



With the aim of continuously improving the quality of its products, ELETTRO LASER S.r.l reserves the right to modify the data and contents without prior notice. Images, performances, weights and measures contained in the catalogue are completely indicative and may change without notice.

COO: GENOVA - REV. 02 - 14/02/2024 - P.M. R. UNIVATO



SO SMALL,  
SO POWERFUL,  
NOW WITH A NEW ENHANCED CORE



DESIGN FOR EVERYONE



DADO is the ever-existed WELDING MACHINE: small, with a unique design, modern, clean, intuitive. DADO is the welding machine that costs like a spot welder but with all the benefits and advantages that the laser gives compare to an arc-welding machine.

INTUITIVE AND CHEAP



DADO is also a LASER READY TO GO, the best in terms of technological quality and price. The huge investment and industrialization of this product has led us to give the final customer a welder at an incredible price!

PROPRIETOR APPLICATION



DADO is supplied with an App, which univocally links to the serial of the product. This App allows full control of the laser and all its parameters.

SMALL SIZE



DADO is small, light, can be easily placed anywhere: from the small workshop directly on the workbench of the goldsmith or dental technician, to the back shop of any jewelry and why not, even in hobby shops!

FOR JEWELRY AND DENTAL



**JEWELRY**  
Small repairs of jewelry and glasses.  
Spot welding for successive works.  
Repair of watches and bracelets.

**DENTAL**  
Fixation of parts of orthodontic appliances.  
Porosity fixing after casting.  
Fixing attachments, joints, brackets and anchors.  
Dentures adjusting, bridges, caps and implants.

INLET/OUTLET ARGON GAS (OPTIONAL)



DADO can be provided with inlet/outlet Argon Gas (optional), that it is essential when you have to weld materials such as titanium, to avoid oxidation and to have a better quality of weld. This makes DaDo a very special machine for the goldsmith market and for dental labs.

VOCAL ASSISTANT



Thanks to the voice synthesis card, it provides the operator with all the information he needs, including any error status. It works even without a smartphone.

LIGHTS STATUS INDICATOR



The variable color of the LEDs in the welding chamber is also another indicator of the laser status. The same LEDs change to the laser working status: standby, in low or high power operation mode.

FULL ACCESSORIES



- Power supply cable.
- Foot pedal for shot.
- 1lt of Distilled and deionized water tank ready to use.
- Support for smartphone.
- Allen key for adjustments and fixing microscope.
- Customized little tweezers for use in the work chamber.
- Welding cleaning brush.
- Alloy wire for welding.
- Customized microfiber cloth for cleaning.

WELDING APP



DADO can be used with or without a smartphone. Download the APP from the Google Play Store or from the Apple Store. Take full advantage of the potential provided by the APP, using the supplied support and positioning the smartphone. It will become immediately an evolved HMI (Human Machine Interface), very useful for all those who will use DADO.

PLUG AND WELD



Unbox, fill, plug-in and start welding whatever you want. The laser does not require special installations. Today welding is almost a child's play.