



# TAUWELD

Laser for the manual welding



Taumac presents the new TauWeld manual welding system, with dual built-in vision system, microscope and camera.

The system guarantees images of excellent quality and maintains key features such as compactness, reliability and high performance. Thanks to the practical user interface and powers from 125 to 200 Joules, they allow TauWeld to satisfy every customer, from the dental technician to the goldsmith.



All the information contained in our catalogues (characteristics, images and technical data) may be subject to changes.

## Application Sectors



AUTOMOTIVE



PROMOTIONAL & SPORTS



PRODUCTION TOOLS



MEDICAL



JEWELLERY & FASHION



CHEMICAL



SENSOR



MECHANICAL



HOME APPLIANCES



RAILWAY



SPACE



FOOD

- User-friendly man/machine interface with 7-inch color touch-screen display for quick access to work parameters and easy management of options
- A USB Pen Drive that allows you to save the working parameters and also make software upgrades.
- 100 memory cells to save working settings.
- Powerful and silent hydraulic cooling circuit. External additional cooling (optional) for high working cycles.
- 5 pre-set waveforms (pulse-shaping) for high welding quality on all types of alloys.
- LED lighting system of the room.
- Argon gas supply directly on the welding surface and coaxial to the spot with post-gas and pre-gas control
- Standard soft spot included.
- Motorized laser support table with



## Technical Data

MODEL	TauWeld 125S	Tauweld 200S
SUPPLY	220V 2.2kW	
TYPE CRYSTAL Nd:YAG	7mm	
IMPULSE ENERGY	125J	200J
PULSE DURATION	25ms	20ms
PEAK POWER	5.0kW	10.0kW
REPETITION	15Hz	30Hz
DIMENSIONS SPOT (min./max.)	0.1mm - 2mm	
SOFT SPOT	Yes	
AVERAGE POWER	66W	200W
DISPLAY	7 inch	
WEIGHT	43kg	
DIMENSIONS	W 825 x W 610 x H 590 mm	