

# E-Z Welder

## Laser Workstation for Welding Applications

**E-Z Welder 30**  
**E-Z Welder 60**  
**E-Z Welder H.P. (High Peak Power)**  
**E-Z Welder 75**

The Laservall Group presents the second generation of E-Z Welder with a new restyling beyond important technical upgrade.

The cover is modified with a new and more ergonomic glove box.

A new software version (Smartweld) is now available.

External encoder and internal joystick in order to set all the parameters. Different specific models for orthodontic/odontotechnic, jewellery and industrial applications.

Always available as either a bench model or stand alone model with small overall foot print.

APF (Advanced Pulse Filling) for pulse modelling (20 pre-set shapes).

**New Smartweld Software!**

- Smartweld Software available for all the models
- AEM - Advanced Energy Management. A brand new system that control the Energy Density Vs. Spot Diameter
- Multi skill graphical interface: beginner, intermediate and advanced interfaces



**E-Z Welder**  
Is a Class I laser product



TECHNICAL SPEC.	E-Z Welder 30	E-Z Welder 60	E-Z Welder H.P.	E-Z Welder 75
Average Power	40 Watt	50 Watt	50 Watt	50 Watt
Peak Power	4 KWatts	5,5 KWatts	7,5 KWatts	5,5 KWatts
Maximum Pulse Energy	30 Joule	60 Joule	50 Joule	75 Joule
Pulse Width	max 10msec.	max 20msec.	max 10msec.	max 20msec.
Laser Spot Size	0,2 to 2mm adj. on 13 position	0,2 to 2mm adj. on 13 position	0,2 to 2mm adj. on 13 position	0,2 to 2mm adj. on 13 position
Focusing Optic (asomatic focal)	80/120/160/200mm	80/120/160/200mm	80/120/160/200mm	80/120/160/200mm
Power Supply (option → 110Vac)	230Vac 50/60 Hz Single Phase, 6A	230Vac 50/60 Hz Single Phase, 8A	230Vac 50/60 Hz Single Phase, 8A	230Vac 50/60 Hz Single Phase, 8A
Cooling System	Air to Water	Air to Water	Air to Water	Air to Water

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