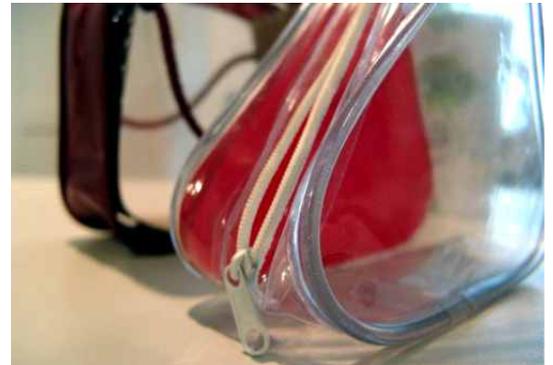


DEPTA

Multipurpose foot pedal operation HF Welder

- Universal usage for PVC, PET, PU
- High weld precision and efficiency
- Small footprint and great work ergonomics
- Easy action through pedal/toggle to reduce operator fatigue
- Energy efficient RF generator with smooth power regulation
- Protective fixed guard - working table HF shielded and filtered
- Optional cooling system for electrode
- Output overload protection with warning indicator/reset
- Standard work table 350x620mm
- Foot pedal with double "V" mechanism



ZEMAT Technology Group is a leading European design and manufacturing company of high frequency welding machines.

DEPTA - quick overview

- DEPTA is the smallest machine in a large family of ZEMAT TG HF welders. It is robustly constructed and designed for accuracy and long life, and features a very positive steel head mounting slide formed with a double "V" mechanism.
- For seaming type work, a small tool mount is recommended to give good visibility and access to the work area. For other applications a large mount can be supplied giving rigid support over a wide tool area. Facilities are also available to increase the throat space, where excess materials have to be positioned behind the tooling.
- The machine is widely used in medical, automotive and clothing industries for welding small add-on parts, like tubing, air and fluid valves, hooks, grommets, plates, etc.
- DEPTA has a HF power output from 0.5 to 4kW. Machine is a perfect tool for auxiliary production where precision, manual approach, durability and strength are the keys.

Main Applications:

- Medical and healthcare equipment
- Automotive parts and interior design elements
- Electronics and computer supplies
- Packaging and office accessories
- Protective clothing
- Reflective materials and signage

Features:

- Precision line, spot and curve welds
- Three stage power with PLC control
- Simple weld setup and easy to operate
- Can utilise various shapes and sizes of electrode
- Backflow HF emission protection
- Output overload protection with warning indicator/reset
- Standard work table 350x620mm
- Foot pedal with double "V" mechanism
- Hi-Q cavity stable HF generator
- Ultra-fast sensitive ARC sensor and Antiflash™ protection
- Semi-automatic operation
- CE, EMC, EU, FCC and OSHA compliant

Technical specification

Depta

Output power	4 kW
Installed power	6 kW
Main fuse	25 A
Power supply	3 x 400 V; 50 Hz
Working frequency	27,12 MHz ± 0,6%
Power tube	air cooled metal-ceramic triode
HF autotuning system	standard, ATS™ Autotuning System
Antiflash system (ZTG Antiflash™)	ultrafast nanosecond solid state
PLC control panel	basic HMI Unitronics Jazz
Electrode platen working stroke	55 mm
Electrode stroke and pressing mechanism	double „V” foot pedal
Work table size	350 x 620 mm
Electrode platen dimensions	90 x 190 mm
Welding surface (max)	100 cm ²
Weight	300 kg
Dimensions (L x W x H)	720 x 1100 x 1400 mm



Custom built tooling and electrodes available upon request. Each machine is built according to customers needs. We can modify and adjust any parameters if required at additional cost.

Our machines fully comply with CE regulations for EMC, FCC and OSHA standards.

Contact:

Brokowa 26, Lodz, Poland
phone: +48 42 632 84 84
e-mail: zemat@zemat.com

 /ZematTG  /ZematTG

www.zemat.com