

iSONIC WAVE HSG
Ultrasonic handheld welding device



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Infos online

Features, operation and technical data



Our new iSONIC WAVE HSG handheld welding device has an ergonomic design and a sturdy cast aluminium housing featuring a quick-change mechanism for the sonotrode. Thanks to the integrated sonotrode cooling system, iSONIC WAVE HSG is also suitable for continuous use, e.g. for small series, manual workstations, repairs or finishing tasks.

Applications

- Ultrasonic welding, cutting, riveting and embossing of plastic components, films and textiles

Areas of application

- All types of industries
- Finishing tasks
- Manual assembly stations
- Manual welding tasks

Features

- Easy-to-use quick-change mechanism for the oscillating units
- Integrated sonotrode cooling system controlled via the handle

Housing and equipment

- Revised, ergonomic design for precise sonotrode guidance
- Sturdy housing made of cast aluminium for harsh operating conditions
- Balancer fastener
- Anti-kink protection of the cable at the inlet into the handheld welding device
- Power supply cable connection via the generator
- Case with room for the handheld welding device, ultrasonic generator and interchangeable tools

Operation

- Sonic ON/OFF
- Cooling air ON/OFF

Easy and quick change of the oscillating unit possible.



Technical data iSONIC WAVE HSG

Working frequency [kHz]	35
Output power [W]	400 / 800 / 1,200
Mains voltage [V]	230
Compressed air pressure [bar]	6
Dimensions without the sonotrode (w x h x d) [mm]	50 x 263 x 193

The iSONIC ECO HSG set consists of

- iSONIC WAVE HSG manual welder
- Ultrasonic generator
- Practical carrying case