

INVERTER 1305i



Highlights INVERTER 1305i

- + Weldable stud range 3–16 mm
- + Max. current 1300 A
- + Max. time setting 1000 ms
- + Low weight
- + Welding energy accurately adjustable



Technical data

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|---|-----------------------------|
| Stud welding with ceramic ferrule, weldable stud range Ø (mm) | 3–16 |
| Short cycle stud welding, weldable stud range Ø (mm) | 3–8 |
| Stud welding with shielding gas, weldable stud range Ø (mm) | 2–16 |
| Max. current (A) | 1300 |
| Current setting range (A) | 200–1300 |
| Time setting range (ms) | 1–1000 |
| Storage of parameters for current, time and Gas pre-flow time | 20 |
| Max. stud/min. at ... Ø (mm) | 2 /16 5 /12 |
| Mains connection 50/60 Hz, (V) | 3x400 |
| Mains plug at 400 V (A) | 32 |
| 4-wire mains cable at 400 V (m/mm ²) | 5/6 |
| Mains plug at 230/400 V (A) | 35 |
| Main power consumption at ...% ED (kVA) | 2/69, 4,5/45, 100/9,5 |
| Tolerance range mains voltage (%) | - 15/+ 6 |
| Class of protection | IP 23 |
| Cooling | F |
| Housing dimensions (L x B x H) mm | 550 x 175 x 395 |
| Weight (kg) | ca. 24 |
| Gas pre-flow time (ms) | 100–2000 |

Special features

- Particularly suitable for short-cycle-stud welding
- Particularly suitable for thin work-pieces
- Stepless, exact adjustment of welding current and time
- Ideal for mobile tasks
- Designed for welding on building sites
- Plain text on LC-display
- Operating interface: choice between 4 languages: German, English, French, Italian
- Shielding gas equipment: standard
- Self-diagnosis: overheating, short circuit control, failure and malfunction of pilot arc
- Microprocessor controlled
- Constant current regulation
- Repeat cycle lock
- Steel housing, powder-coated
- Interface for automatic components: optional
- Stud counter