

INVERTER 305i

KÖCO-COMPACT STUD WELDING EQUIPMENT



- Weldable stud range 2 - 4(M6 RD) mm
- Max. current 300 A
- Max. time 400 ms
- Low Weight
- Welding energy accurately adjustable

Technical data

Stud welding with ceramic ferrule Weldable stud range \varnothing (mm)	2 - 4 (M6 RD)
Short cycle stud welding Weldable stud range \varnothing (mm)	2 - 3
Stud welding with shielding gas Weldable stud range \varnothing (mm)	2 - 4 (M6 RD)
Max. current (A)	300
Current setting range (A)	100 - 300
Time setting range (ms)	1 - 400
Storage of parameters	20
Max. stud/min. at ... \varnothing (mm)	15/3, 5/M6 RD
Mains connection 50/60 Hz 3-phase (V)	1 x 230
Mains plug at 400 V (A)	16
Mains cable (wire/m/mm ²)	3/3/2,5
Mains fusing time-lag at 230/400 V (A)	16
Mains power consumption at ...% ED (kVA)	3/10,3, 6/6 100/3,7
Tolerance range mains voltage (%)	-12 / +6
Class of protection	IP 23
Cooling	F
Housing dimensions (L x B x H) mm	410 x 170 x 225
Handle	1
Weight (abt. kg)	13
Gas pre-flow time (ms)	10 - 2000

Description

Fully controlled power source with thyristor bridge

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

Integrated shielding gas device

Microprocessor controlled

Constant current regulation

Repeat cycle lock

Dust and moisture protection of control unit

Self-diagnosis: overheating, short circuit control, failure and malfunction of pilot arc

Steel housing, powder-coated

Stud counter