

INVERTER 1805i

KÖCO-COMPACT STUD WELDING EQUIPMENT



- Weldable stud range 2-19 mm
- Max. current 1600 A
- Max. time setting 1000 ms
- Low Weight
- Welding energy accurately adjustable

Technical data

Stud welding with ceramic ferrule Weldable stud range \varnothing (mm)	2 - 19
Short cycle stud welding Weldable stud range \varnothing (mm)	2 - 10
Stud welding with shielding gas Weldable stud range \varnothing (mm)	2 - 12
Max. current [A]	1600
Current setting range [A]	200 - 1600
Time setting range [ms]	1 - 1000
Storage of parameters	20
Max. stud/min. at ... \varnothing (mm)	2/19, 6/16
Mains connection 50/60 Hz 3-phase [V]	400
Mains plug at 400 V [A]	63
4-wire mains cable at 400 V [m/mm ²]	5/10
Mains fusing time-lag [A]	50
Mains power consumption at ...% ED [kVA]	3/90, 6/65 100/15,5
Tolerance range mains voltage [%]	-15 / +6
Class of protection	IP 23
Cooling	F
Housing dimensions [L x B x H] mm	600 x 270 x 410
Swivel castors/fixed castors	2/2
Handle	2
Weight [abt. kg]	36
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, mains phase failure and malfunction of pilot arc

Steel housing, powder-coated

Interface for automatic components: optional

Stud counter