

ELOTOP 1010

KÖCO-COMPACT STUD WELDING EQUIPMENT

KÖCO
KÖSTER & CO



- Weldable stud range 3-14 mm
- Max. current 1100 A
- Max. time setting 1000 ms
- Robust housing
- For shear connectors and threaded studs up to 14 mm

Technical data

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|---|-----------------------|
| Stud welding with ceramic ferrule Weldable stud range \varnothing (mm) | 3 - 14 |
| Short cycle stud welding Weldable stud range \varnothing (mm) | 3 - 10 |
| Stud welding with shielding gas Weldable stud range \varnothing (mm) | 3 - 12 |
| Max. current [A] | 1100 |
| Current setting range [A] | 150 - 1000 |
| Time setting range [ms] | 20 - 1000 |
| Storage of parameters: | 20 |
| Shielding gas pre-flow time [ms] | 100 - 2000 |
| Max. stud/min. at ... \varnothing (mm) | 49/3, 4/14 |
| Mains connection 50/60 Hz 3-phase [V] | 230/400 |
| Mains plug at 400 V [A] | 32 |
| 4-wire mains cable at 400 V (m/mm ²) | 5/4 |
| Mains fusing time-lag at 230/400 V [A] | 50/35 |
| Mains power consumption at ...% ED [kVA] | 2,5/7/100 73/43/12 |
| Tolerance range mains voltage [%] | -15 / +6 |
| Class of protection | IP 23 |
| Cooling | F |
| Housing dimensions (L x B x H) mm | 555 x 308 x 535 |
| Swivel castors/fixed castors | 2/2 |
| Handle | 2 |
| Lifting eye | 2 |
| Weight (abt. kg) | 85 |

Description

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

Fully controlled power source with thyristor bridge

Microprocessor controlled

Constant current regulation

Repeat cycle lock

Mains connection special voltages [V]: optional

Dust and moisture protection of control unit

Steel housing, powder-coated

Shielding gas equipment

Stud counter: standard

Interface for automatic components: optional

Menu: various languages