

WeldScanner

the all-rounder

Measurement Recording Calibration

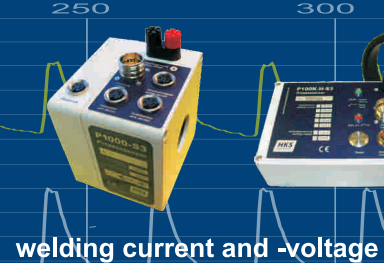


- data logger, calibration device or oscilloscope
- multipurpose - for all welding equipment
- for automatic and manual welding
- stores up to 64 hours
- simple handling, robust
- suitable for arc-, stud- and resistance welding

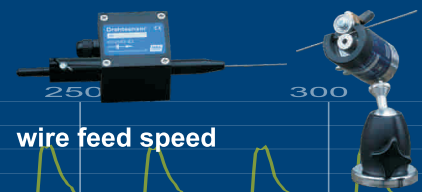
Various applications

- assistance to the factory production control conform to *DIN EN 1090*
- calculation of the energy per section
- cooling time $T_{8/5}$ - non contact measurement with adjustable temperature limits
- rms-value calculation during resistance welding conform *DVS 2942-3*
- service, control, evaluation and calibration of production lines
- automatic recording of welding time and consumption value
- measurement of dynamic processes with 20.000 samples / sec.

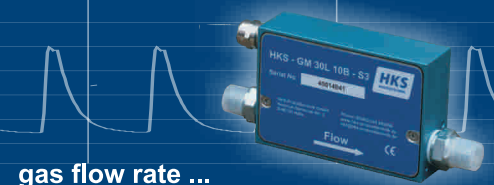
sensors measure all process data, e.g.:



welding current and -voltage



wire feed speed



gas flow rate ...



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Cooling time - T 8/5



Non contact measurement

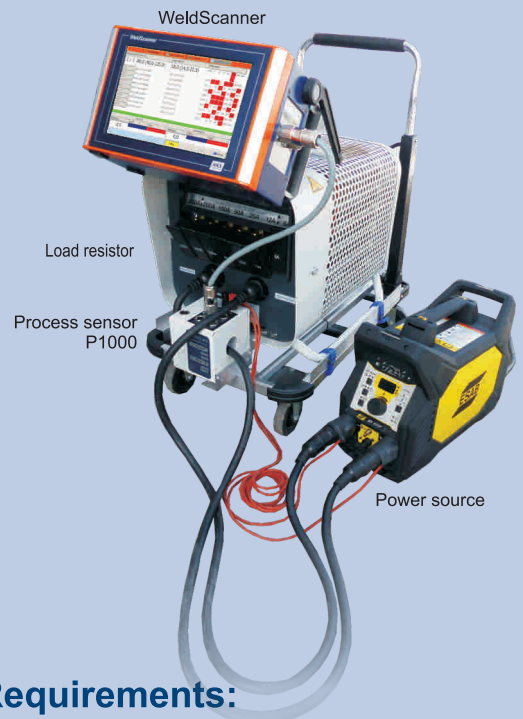
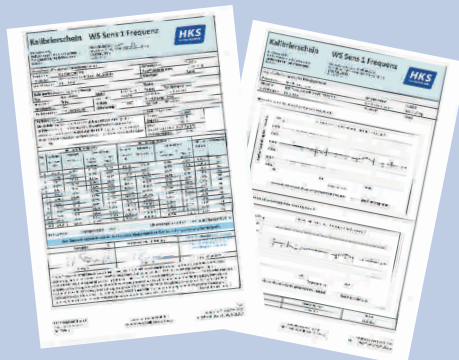
- fast applicable - without thermocouple
- no meltdown of the sensing element in the weld metal
- simultaneous documentation of the welding parameters and the cooling time
- adjustable temperature limits

Simple handling

- pyrometer align on the seam via two laser points and adjustable diameter of the measuring spot
- automatic start of the measurement, record and calculation of the cooling time
- measuring course, cooling time as well as current- and voltage values are stored and portable on USB-Stick

Calibration

- calibration and validation of power sources and welding equipment of any producers
- conform to standard DIN EN 50504
- generating and print out of calibration certificates
- user-specific calibration reports
- automatic transfer of the the measurements



Requirements:

- WeldScanner + sensors
- load resistor or direct on the process