

WeldScanner

Multi-talented recording device



The WeldScanner is a multipurpose measuring device, usable as data logger, oscilloscope and for validation – designed by welding experts.

- Documentation of welding seams for up to 64 hours of process
- Easily find the root cause of errors with error analysis
- Cooling time measurement for T 8/5
- Convenient data export
- Interactive touch screen with curve progression that shows all welding parameters
- Rugged system made to withstand use in rough conditions for daily use
- Easy to operate and simple to connect to any welding power source

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Processes

- GMAW
- GTAW
- SMAW
- SAW
- Resistance Welding
- Stud Welding

Sensors for GMAW/GTAW



Process Sensor
P 1000-S3



Gas Flow Sensor



Wire Sensor DV
25 M-S3



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WeldScanner

Various Applications
Automatic recording of weld time and consumption values (wire, gas and energy)
Calculation of heat input by entering the seam length to the device
Capable of measuring all welding arc types, True RMS measuring and Rectified Average Mean Value for square waves
Calculation of arc energy (heat input) using instantaneous values in compliance with ISO 15641 and ISO/TR 18491
Production control assistance conforms to EN 1090
Contactless cooling time measurement T 8/5
Scope measurement up to 200 kHz

Ordering Information				
Description	Part Number	GMAW/GTAW/ SMAW	SAW	Resistance Welding
WeldScanner S3 Base Device	HKS0001433	X	X	X
Connecting Cable For HKS Sens. 5M-S3	HKS0001430	X	X	X
HKS Process Sensor P 1000-S3 GMAW/GTAW/SMAW	HKS0001423	X		
Gas Flow Sensor GMAW/GTAW	HKS0001425	GMAW/GTAW		
HKS Wire Sensor DV 25 M-S3 GMAW/GTAW	HKS0001428	GMAW/GTAW		
HKS Process Sensor P 1500-S3 SAW	HKS0001424		X	
HKS Wire Sensor SAW	HKS0001816		X	
HKS Process Sensor P 100K – Resistance Welding	HKS0001464			X
Plug Adapter For Welding Voltage	HKS0000322	X		
Add-on WeldScanner Cooling Time Measurement	HKS0000908	<i>Optional</i>		
WeldScanner Robust Case Type 2	HKS0002275	<i>Optional</i>	<i>Optional</i>	<i>Optional</i>



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