

WeldScanner

Multi-talented recording device



AN ESAB® BRAND



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**

Visit **esab.com** for more information.

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 Sensors 5m	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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