

# 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
- **Easily find the root cause** of errors
- 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 Sensors  
 P350 / 500  
 P700 / 1000  
 P1400 / 2000  
 P2800 / 4000



Gas Flow Sensor



Wire Sensor Mobile



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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 **20 kHz**

## Ordering Information

Description	Part Number	GMAW/GTAW/ SMAW	SAW	Resistance Welding
WeldScanner S3 Base Device	HKS0001433	X	X	X
Process Sensor P350/500	HKS0002381	X		
Process Sensor P700/1000	HKS0002382	X		
Process Sensor P1400/2000	HKS0002383		X	
Process Sensor P2800/4000	HKS0002384		X	X
Gas Flow Sensor 30 l/min	HKS0001425	X		
Wire Sensor Mobile	HKS0001428	X		
Wire Sensor SAW 3-5 mm	HKS0001471		X	
Process Sensor P 100K – Resistance Welding	HKS0001464			X
Connecting Cable for Sensors 5 m -S3	HKS0001430	X	X	
Plug Adapter For Welding Voltage	HKS0000322	X	X	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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