WeldScanner Validator

The EN 50504 Validation Tool

The WeldScanner Validator can validate all brands of welding equipment in accordance with the European Standard EN 50504 - Validation of Arc Welding Equipment. It also offers the same full level of functionality as the WeldScanner.

The device ensures precise measurement for welding voltage, welding current, wire feed speed and the gas flow rate. There are also two additional free measuring channels which can be used e.g. for measuring travel speed.

The WeldScanner Validator is delivered as a calibrated system and should be calibrated on an annual basis, e.g. in our laboratory, to ensure compliance with the standards also providing traceability to national standards.

- Touch screen or keyboard operated

- HF proof, can safely test TIG equipment

- Used for welding process variables such as current, voltage, gas flow rate, wire feed speed, etc.

- Measuring reports for validation available as pdf

- Memory of customer and installed base information

- Easy to operate and simple to connect

- Available for arc welding up to 1000A DC / 750A AC and up to 3000A DC / 1500A AC

- Correct measurement of all types of square wave arcs

- Can work with all load resistors, but has been pre-programmed with settings for RC500 and Checkmaster

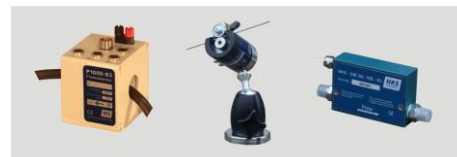Visit **esab.com** for more information.

Processes

- GMAW
- GTAW
- SMAW
- SAW

WeldScanner

Load Resistor (RC500)

Process Sensor (P1000)

WeldScanner Validator is easy to connect to any welding power source

Package Basic:
process sensor P1000,
wire sensor mobile,
gas sensor

Package SAW:
process sensor P1500,
wire sensor SAW

Sensors for WeldScanner Validator

WeldScanner Validator

Ordering Information

Description	Part Number	GMAW/GTAW/SMAW 20 – 1000 A DC	SAW 1000 – 3000 A DC
WeldScanner Validator BASIC	HKS0002320	X	
WeldScanner Validator SAW	HKS0002321		X
WeldScanner Validator FULL	HKS0002322	X	X
HKS Gas Sensor GM30L10B-S3 (GMAW/GTAW)	HKS0001425	GMAW/GTAW	
HKS Welding travel speed sensor	HKS0001429		
Load Resistor for Arc welding switchable ranges (RC500)	HKS0001536	X	2x
CALIBRATION WeldScanner Validator 0,5%	HKS0002323	X	
CALIBRATION WeldScanner Validator SAW 0,5%*	HKS0002324		X

Package Content

BASIC

- WeldScanner-S3 Base Device
- USB mouse/keyboard
- Process Sensor P1000-S3 GMAW/GTAW/SMAW
- Wire sensor DV25M-S3
- Connection cable for HKS-process sensors
- Plug adapter for welding voltage
- WeldValidator transport case
- PC software for data export and evaluation

SAW

- WeldScanner-S3 Base Device
- USB mouse/keyboard
- Process Sensor P1500-S3 SAW
- Wire sensor DV25UP-S3
- Connection cable for HKS-process sensors
- WeldValidator transport case
- PC software for data export and evaluation

FULL

- WeldScanner-S3 Base Device
- USB mouse/keyboard
- Process Sensor P1000-S3
- Process Sensor P1500-S3 SAW
- Wire sensor DV25M-S3
- Wire sensor DV25UP-S3
- Connection cable for HKS-process sensors
- Plug adapter for welding voltage
- WeldValidator transport case
- PC software for data export and evaluation