



WELDSCANNER

Engineered by welding experts,
for the ultimate welding professional

INTRODUCING THE **WELDSCANNER**



The **WELDSCANNER** is a multipurpose measuring device for welding power sources that can be used as:

DATA LOGGER

OSCILLOSCOPE

CALIBRATION

WHY WELDSCANNER?

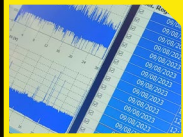
- ▶ Suitable for any welding equipment – All processes, whether manual or automated.
- ▶ Rugged system designed to endure tough environments.
- ▶ Portable and user-friendly.
- ▶ A readily available local support team.

WELDSCANNER



WELDSCANNER APPLICATIONS

USE **WELDSCANNER** FOR:



**PROCEDURE QUALIFICATION
RECORD (PQR)**



**WELDING MACHINES
CALIBRATION**



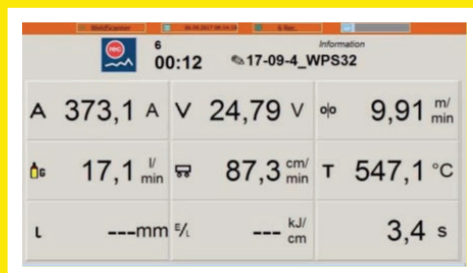
WELDSCANNER APPLICATIONS: PQR QUALIFICATION

ESAB's WeldScanner is designed to support on PQR qualifications by providing the full run-sheet of parameters:

- **Documentation** of welding seams
- Convenient data **export** via **USB** in PDF and CSV format
- Automatic recording of **welding parameters**:
 - Time
 - Current
 - Voltage
 - Consumption
- **Heat input** registration
- **Interpass temperature** recording
- Documenting the PQR run-sheet using WeldScanner, will significantly **eliminate human error** by providing accurate and untampered data.



The WeldScanner's built-in oscilloscope helps identify error sources and supports production control in compliance with **DIN EN 1090 standards**



WELDSCANNER APPLICATIONS: WELDING MACHINES CALIBRATION

WeldScanner Validator allows for **local, on-the-spot**, and **cost-free** machine validation and calibration **certificate** issuing.

- **High frequency proof** – can safely test GTAW equipment
- **Measuring reports** for validation available as PDF file
- **Customize** your reports with company **name and logo**
- Can work with **all load resistors**
- Can validate **all brands** of welding machines
- **Precise measurement** for all parameters
- Delivered as a **calibrated** system



WeldScanner				WeldScanner				WeldScanner			
Messung/Richt	Strom, A	Spannung, V	Widerstand	Messung/Richt	Strom, A	Spannung, V	Widerstand	Messung/Richt	Strom, A	Spannung, V	Widerstand
1 / 1	80,0 (40,0-120,0)	18,0 (14,5-21,5)	0,22 6 12 25 50 100 200 250	2 / 1	160,0 (120,0-200,0)	22,0 (18,5-25,5)	0,14 6 12 25 50 100 200 250	3 / 1	240,0 (200,0-280,0)	26,0 (22,5-29,5)	0,11 6 12 25 50 100 200 250
4 / 1	320,0 (280,0-360,0)	30,0 (26,5-33,5)	0,09 6 12 25 50 100 200 250	5 / 1	400,0 (360,0-440,0)	34,0 (30,5-37,5)	0,09 6 12 25 50 100 200 250	6 / 1	480,0 (440,0-520,0)	38,0 (34,5-41,5)	0,09 6 12 25 50 100 200 250
7 / 1	560,0 (520,0-600,0)	42,0 (38,5-45,5)	0,09 6 12 25 50 100 200 250	8 / 1	640,0 (600,0-680,0)	46,0 (42,5-49,5)	0,11 6 12 25 50 100 200 250	9 / 1	720,0 (680,0-760,0)	50,0 (46,5-53,5)	0,14 6 12 25 50 100 200 250
10 / 1	80,0 (40,0-120,0)	18,0 (14,5-21,5)	0,22 6 12 25 50 100 200 250								
Strom, A				Spannung, V				Widerstand			
Kalibrator	0,0	0,0	0,0	Kalibrator	0,0	0,0	0,0	Kalibrator	0,0	0,0	0,0
Trend				Trend				Trend			
0,0				0,0				0,0			
Stop				Löschen				Alle löschen			
				Zurück				Zurück			



Compliance with **EN 50504**
– Validation of Arc Welding Equipment

BASIC PACKAGE



WELDSCANNER
BASE DEVICE



PROCESS
SENSOR



KEYBOARD



VOLTAGE
SENSOR



TRAVEL
CASE

VALIDATOR PACKAGE



WELDSCANNER
BASE DEVICE



PROCESS
SENSOR



VOLTAGE
SENSOR



KEYBOARD



TRAVEL
CASE



CHECKMASTER 600R
LOAD RESISTOR

OPTIONAL ACCESSORIES



MOBILE WIRE
FEED SENSOR
(GMAW/FCAW)



WIRE FEED
SENSOR (SAW)



STATIONARY WIRE
FEED SENSOR
(GMAW/FCAW)



TRAVEL SPEED
SENSOR



GAS
SENSOR



TEMPERATURE
SENSOR

WELDSCANNER: EASY TO INSTALL**1**

Put the welding cable through the opening of the process (current) sensor – Follow the arrow that specifies the direction of the current flow

2

Connect the voltage sensor to the power source and connect the ground clamp and torch/holder to the voltage sensor. Then connect the red measuring cables with the process sensor

3

Connect the process sensor to the WeldScanner with the interface cable

4

Connect the WeldScanner to the power supply and switch it on



WELDSCANNER



CONNECT WITH
AN EXPERT:

DISCOVER OUR **WELDSCANNER**



Scan the QR Code to connect with an expert

Contact us to learn more about our comprehensive range of consumables and cutting-edge technologies.



FOR MORE INFORMATION PLEASE VISIT **ESAB.COM**
OR CALL US AT **+971 4 880 9493**