Connection

1. Put the welding cable through the opening of the process sensor
2. Connection of the welding voltage over the enclosed adapters to the sockets of the current source and the red measuring cables with the process sensor
3. Optional: Attach wire and gas sensor, notice the direction of the gas flow.
4. Attach the process sensor and the WeldScanner with the interface cable
5. Attach the WeldScanner to the power supply and switch the device on. The data recording can start in a minute. The start of the welding process is recognized automatically.

Operation (touch)

Start screen

Instantly ready to record

Automatically start:

the recording starts automatically with weld, record-button is red.

Alternativ hand start/stop:

recording starts and ends by manual press of the record button

An automatically started seam can not be stopped manually.
Evaluation

On the right, the measuring values are listed in a table after mark of a weld the corresponding graphic appears on the left.

The two longitudinal bars are movable.

Statistic
If the right green bar is moved to the left, the daily statistics appears.

Data export to the PC

Install the program supplied on CD on your PC. The data export from the WeldScanner to your PC is carry out via USB stick. Using the supplied software, the data can be imported to the PC, as well as evaluated and printed.

Adjustment

- Choice of technology and the measurement channels.
- Combine seams: mark with a cross (function see below)
- Pre- and post trigger: when touching the input field a numeric keypad opens to enter the values
- Energy input per unit length: after activating in the measuring screen the field with seam length (mm) and a pen symbol appears. This opens up a keyboard, so you can enter the seam length to calculate the energy per section.
- Import (button at the bottom) from the first install of new sensor files

All settings are confirmed with "Apply".

sum of single records to one record- „combine seams“

Benefit: for interrupted welds on a seam; herewith different records can be summarized to a „combined seam“

First, the function must be activated under „Adjustments“. (see above), the white button „combine seams“ appears left in the measuring screen. With the start of the weld this is blue (operable).

By pressing the blue button all previous records will be summarized (combined seam), that means the breaks will be cut out.

Note: As long as the key is active (blue) the Data are not saved. Only when you press the blue button the data are summarized and stored.

Enter name of the weld

It opens a keyboard to give the seam an identification.