



The Weldotherm S-LED Welding Light offers the welder a quick and easy way to observe the temperature during the whole welding process. Each of the six thermocouple inputs is configurable and can drive one, two or three outputs. With its own controller (SG-LED) it can work together with every heat treatment unit. The configuration is performed via switches in the control unit or optionally via a touch panel.



Touch-panel (Option)

Function:

The temperature adjustment of every zone should be done with Touch-panel (Option), this touchscreen is only needed for configuration. Adjustable are the lower and upper Alarm-temperature and on which LED-Light the zone should work.

For example:

Zone 1, 2, 3 and 4 work together to LED-Lights 1 and 2, the zones 5 and 6 only with LED-Light 3.

If the temperature is between the limits the green LED will lit, if not the red LED.

In the lower borderline the green LED is flashing, in the upper the red LED.

If the thermocouple is broken or disconnected both LEDs are flashing, also suitable for function control.

Technical data

Input:	6 x thermocouple type K as standard
Measuring range:	+20°C....+999°C
Accuracy:	± 2°C
Protection:	IP54
Power supply:	100...240 V 50/60 Hz / 12 W
Output:	LED-Light 24 VDC / 400 mA
Connection cable S-LED ⇔ SG-LED:	20m
Environmental conditions:	0°C....+60°C, rH 10...95%, non-condensed

	S-LED	Controller SG-LED	Touch-panel (Option)
Dimensions (W x H x D):	270 x Ø120 mm	300 x 150 x 120 mm	200 x 200 x 120 mm
Weight:	1,6 kg	4 kg	3 kg