SR-LD 200

Technical Data Sheet

Device data	
Dimensions (W × D × H)	58 × 130 × 202 mm (2.28 × 5.12 × 7.96 in)
Weight	623 g (21.81 oz)

Certificates	
Marking	CE

Features	
Display	LCD 1.8″ 240 × 320 pixels
Interface	• charging socket • Bluetooth
Control	3 keys
Sensor	laser: • measurement laser
Other features	• audible alarm, can be deactivated • target laser • red dot sight

Operating conditions	
Operating temperature	-20 – 50 °C (-4 – 122 °F)
Humidity	30 – 90% r.h., non-condensing
Atmospheric pressure	800 – 1100 hPa
Protection rating	IP54
Non-permitted operating environments	in potentially explosive areas

Storage conditions	
Storage temperature	-20 – 50 °C (-4 – 122 °F)
Humidity	30 – 90% r.h., non-condensing

Power supply	
Power supply	lithium-ion battery (rechargeable) [9066-4003]
Net weight of batteries	• weight per cell: 0.0475 kg (0.105 lb) • total: 3 × 0.0475 kg = 0.143 kg (3 × 0.105 lb = 0.315 lb)
Operating time, typical	> 13 h
Battery power	36 Wh
Charging time	approx. 2.5 h
Charging temperature	10 – 45 °C (50 – 113 °F)
Charging voltage	12.6 V
Charging current	2 A
charging socket	USB-C (approved for supplied charger only)
Charger	charger SR-LD

Measurement laser	
Laser class	1 (according to IEC 60825-1)
Feature	• Infrared laser • invisible • distance for the safe detection of 100 % vol. CH_4 at 10 l/h: 50 m (164 ft)
Wavelength	1653 nm
Measuring range	0 – 100,000 ppm•m methane
Resolution	5 ppm•m
Detection range	0.5 – 120 m (1.64 – 394 ft) (in ideal ambient conditions)
Response time	0.05 s

Target laser	
Laser class	2 (according to IEC 60825-1)
Feature	colour: green
Wavelength	530 nm
Output power	≤ 1 mW

Additional data	
Shipping instructions	contains: • 1 lithium-ion battery included in equipment or packaged with equipment (UN 3481) • 36 Wh transport as per SV 188 ADR and VA 967, Part II IATA or VA 966, Part II IATA possible

Subject to technical changes.