

## Multitec<sup>®</sup> 520

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Multiple gas warning device for various applications in gas-hazardous working places



#### Always on the safe side:

The **Multitec<sup>®</sup> 520** offers the possibility to measure six gases at the same time. This covers nearly all applications. Furthermore all values can be read at a glance off the large display.

The **Multitec<sup>®</sup> 520** entirely affiliates into the new Sewerin instrument family. Hence it can be drawn on the consisting extensive range of accessories.

### Notes

- Operated by jog dial, menu navigation and function keys
- Large matrix display with backlight
- Selective infrared sensors for hydrocarbons and carbon dioxide
- Electrochemical sensors with high durability for oxygen and toxic gases
- Quick charging in 4 h, normal charging 10 h, also without docking station
- Power supply via 4 changeable AA-size rechargeable or disposable batteries
- Explosion protection ATEX 100a IIB, IIC with carrying bag
- Function safety test in progress
- PC communication via USB
- Supporting bracket for carrying and positioning

### Measurement ranges/Sensors

Type of gas	Measurement range	Type of sensor
Methane	0 – 100 % LEL	Infrared sensor
Carbon dioxide	0,0 – 5 % vol.	Infrared sensor
Oxygen	0,0 – 25 % vol.	Electrochemical sensor
Carbon monoxide	0 – 500 ppm	Electrochemical sensor
Hydrogen sulphide	0 – 100 ppm	Electrochemical sensor
Ammonia	0 – 100 ppm	Electrochemical sensor

## Technical Data

Operating time:	min. 8,0 h
Power supply:	4 NiMH-batteries, 4 AA-size rechargeable or disposable batteries
Type of protection:	IP54
Operating temperature:	-10 °C – +40 °C
Storage temperature:	-25 °C – +50 °C
Pressure:	950 hPa – 1100 hPa
Humidity:	15 % r.h. – 95 % r.h., non condensing
Dimensions (W x D x H):	148 x 57 x 205 mm 253 mm (incl. supporting bracket)
Weight:	approx. 1000 g

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