

Gazoscan | Technical specification



MEASUREMENTS

SENSOR	TYPE	UNITS	RANGE	SENSITIVITY	RESPONSE TIME	ACCURACY
CH4	Laser	ppm*m %Vol*m %LEL*m	0-99,999 ppm*m	5 ppm*m	0.1s	+/-10%

FACILITIES

Scanning speeds	Particles >20 microns
Detection distances	Can sample on wet or dry basis, gas must be non-condensing
Alarms	Customisable threshold alarms, audio and visual System alarm message if there is a hardware issue Built-in self test while turning the instrument on

POWER SUPPLY

Battery type	Rechargeable Lithium battery, capacity: 7.2V 2,500mAh
Battery life	15 hours, 2 batteries at 77°F (25°C)

ENVIRONMENTAL CONDITIONS

Operating temperature	-4°F - 113°F (-20°C - +45°C)
Enclosure level	IP54

PHYSICAL

Weight	1.68lbs (0.76kg)
Size	6.3 inches x 8.3 inches x 3.1 inches (160mm x 210mm x 80mm) without battery

CERTIFICATION RATING

ATEX	II 2G Ex ib op is IIA T3 Gb (Ta= -20°C to +45°C) ATEX certificate number Baseefa19ATEX0075X
IECEX	Ex ib op is IIA T3 Gb (Ta= -20°C to +45°C) IECEX certificate number IECEX NEP 19.0019X
Laser classes	IR laser emitter: 1651nm, <10mW Class 1 eye safety Green guide laser light: 520nm, <5mW Class 3R

DATA & COMMUNICATIONS

Connection	Bluetooth communication with mobile devices
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