Methane Leak Detection

LaserMethane® *Detector*

Easy to use portable methane detection device able to detect escapes from a safe distance
Changing the way methane leaks can be detected
Realtime or memory based data and event logging capabilities

Remote Measurement and Detection

- 150m maximum range
- Detection of leaks even through glass

Methane Selectivity

- Only responds to methane
- Accurate measurement and detection
- Responds to methane when other gases are present

Portable

- Convenient video camera style strap
- Single gun unit needs no separate black box or battery
- Lightweight and compact design

High Speed and Sensitivity

- Response as fast as 0.1 seconds

User Friendly

- LCD option displays recent readings in graph format
- Simple LED output for any methane detection

Datalogging - on SA3CO6A Version

- Built-in memory for data storage
- SD memory card available
- View via back lit LCD

CROWCON
Gas Detection You Can Trust

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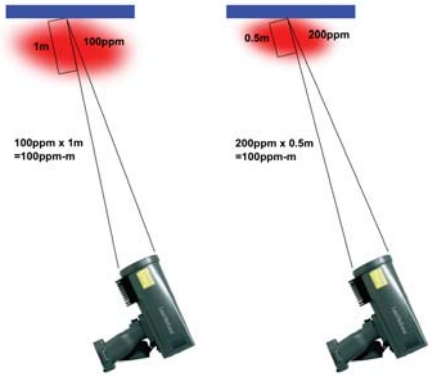
Typical Data

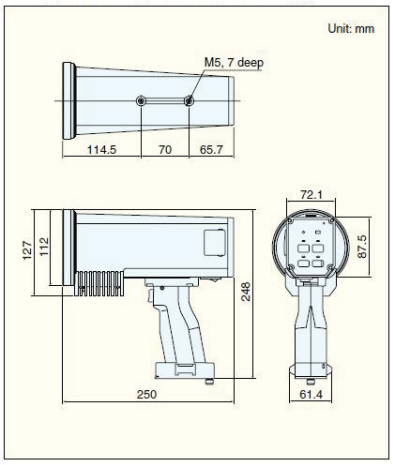
Weight	1.35kg (3lbs)
Dimensions	112 x 250 x 248mm (4.4 x 9.8 x 19.8in)
Target gas	Methane (CH_4)
Detection method	Tunable Diode Laser Absorption Spectroscopy (TDLAS)
Detection distance	Up to 30m standard mode Up to 150m in reflect mode with reflector
Detection speed	0.1 seconds
Detectable range	100 - 10,000 ppm.m (SA3C05A model) 10 - 10,000 ppm.m (SA3C06A model)
Audible alarm	Volume adjustable buzzer Earphone output
Visual alarm	Alarm LED as standard LCD with SA3C06A model
Operation	Trigger for measurement with lock lever Simple 4 button operation
Battery	Rechargeable nickel metal hydride (2 per kit)
Operating time	3hrs (2 x 1.5hr battery) minimum per charge (laser on)
Operating temperature	0° - 40°C (32° - 104°F)
Operating humidity	20 – 90% rh non-condensing
Explosion proof	Not certified
IP rating	IP54 (conforms to IEC529 and JIS C0920)
Laser safety rating	IEC60825-1 (JIS C6802) 21 CFR 1040.10 and 1040.11 Monitor beam: Class 2 laser Measuring beam: Class 1 laser NEVER LOOK INTO THE LASER BEAM
Operational standards	EN61000-6-4:2001 EN61000-6-2:1999
Accessories	Battery charger Spare battery pack Protective cap Soft case Ear phone Hand strap Shoulder strap
Instructions for use:	1. Never point this detector towards the sun 2. Never look into the laser beam 3. Do not use in a hazardous area of any zone or class.

LaserMethane is co-developed by Tokyo Gas Co. Ltd., Tokyo Gas Engineering Co., Ltd. and ANRITSU CORPORATION



In these examples both measured values correspond to the same methane column density

Dimensions



Back Panels

SA3C05A

SA3C06A

Labels

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PO1026 Issue 2 06/08 Eng

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