



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

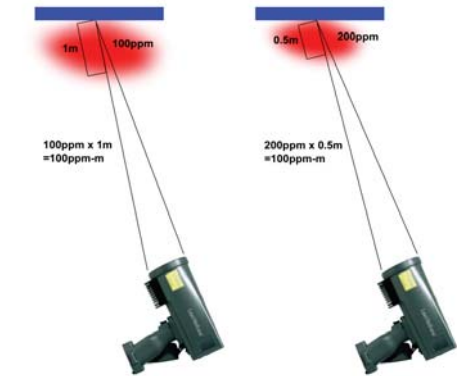
Datalogging - on SA3CO6A Version

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

| | |
|-----------------------|---|
| Typical Data | 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 |
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| 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. |

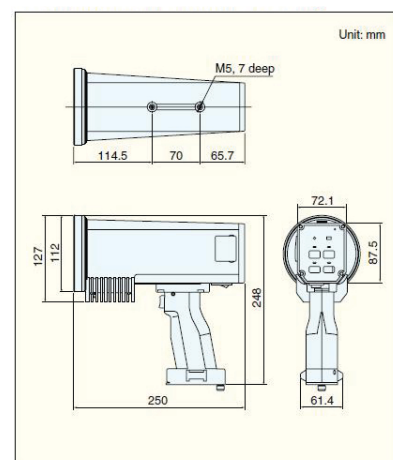
LaserMethane is co-developed by Tokyo Gas Co. Ltd., Tokyo Gas Engineering Co., Ltd. and ANRITSU CORPORATION

Local agent or distributor details



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

Dimensions



Back Panels



Labels



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