

MicroRay IR-100

RIDGID® MicroRay features fast and easy temperature measurements from a comfortable distance. The Infra Red technology allows non-contact, 'point and read' functionality. This saves time when doing maintenance work thus allowing you to prevent and correct a problem in time.

Features

- Capacity: -30°C to 500°C.
- Laser light indicates direction of measurement.
- Field of measurement: 77 mm per meter.
- Adjustable emissivity setting (0,2 - 1).
- Accuracy: +/- 1,5°C (+/- 1,5%).
- Max., Min., Differential Reading.
- High / Low visual alarms.
- Display with backlight.

Standard equipment

- MicroRay IR-100.
- 9 V Battery.

Advantages

- Great energy audit and troubleshooting tool for a variety of applications:
 - Plant and building maintenance.
 - HVAC and refrigeration.
 - Electrical.
 - Plumbing.
 - Automotive.
- Simple, "1-Click" temperature measurement capability with Ultra-Sharp Class II laser sighting.
- The MicroRay IR-100 offers several RIDGID® advantages:
 - 15 to 1 distance to spot ratio.
 - "Smart" temperature readings: Accurately measure temperature of different surfaces – no need to apply tape or paint to object to ensure proper measurement.
 - "Smart" settings: High and low alarms; maximum, minimum and differential temperature readings.



Cat. No.	Model No.	Description	Weight kg	Std. Pack
23578	IR-100	MicroRay	0,2	1



Safely diagnosing the status of a system by measuring the temperature of safety valves, pumps and other wearing parts.



Checking supply and return flow to help determine efficiency of heating / cooling systems in seconds, not minutes.



Measuring efficiency of heat dissipation in air ducts to reveal and locate thermal losses in the flow system.

Micro CG-100™ Combustible Gas Sniffer

The Micro CG-100 Gas Sniffer is a smart, gas-leak locating tool that ensures proper gas line installations and checking for maintenance and repair needs.

The Micro CG-100 indicates the presence of combustible gases with visual, audio, or vibration feedback mechanisms.

There are five (5) threshold levels of measurement within two (Low and High) settings of sensitivity.

When the tool senses the presence of a combustible gas, it will tell the operator by blinking the appropriate light(s), triggering the appropriate audible alarm, or providing the appropriate vibration feedback.



Features

- Visual Indicator LEDs, Audible Indicator (85 db) and Vibration Alarm.
- 40 ppm (methane) sensitivity.
- Response time < 2 seconds.
- 0 - 6400 ppm (methane) Range.
- Sensitivity Level (methane) (HIGH) 5 Levels: 40 / 80 / 160 / 320 / 640 ppm.
- Sensitivity Level (non-methane) (LOW) 5 Levels: 400 / 800 / 1600 / 3200 / 6400 ppm (x10).
- 400 mm semi - flexible Probe.
- Classification Class 1, Div 1 (ABCD).

Standard equipment

- Combustible Gas Leak Detector.
- 4 AA Batteries.

Advantages

- **Rugged, stylish design** makes it easy to use and capable of withstanding job site abuse.
- **Tri-Mode Detection™**: Operator can be alerted with a visible signal, audible alarm, or silent vibration.
 - Silent vibration mode avoids alerting others and is great for loud, daylight construction environments.
 - Audible mode provides both high and low settings.
- **Extra-long AA battery life (> 20 hours)** ensures maximum up-time.
- **Adjustable sensitivity** (high and low settings) provides precise leak locating capability.
- **400 mm probe hose** allows operator to reach tight, confined spaces.
- **LED Light** at end of probe helps locate leaks in poorly-lit spaces.
- **Built-in clip** provides easy, secure probe hose storage.

Cat. No.	Model No.	Description	Weight kg	Std. Pack
26148	CG-100	Gas Sniffer Micro	0,5	1

Gasses detected	Common Mixtures that would include or Emit more than one of these Gases
Methane Hydrogen Carbon Monoxide ProPane	Natural Gas
Ethylene Ethane Hexane	Paint Thinners
Benzene Iso-Butane Ethanol	Industrial Solvent
Acetaldehyde Formaldehyde Toluene	Dry Cleaning Fluids
P-Xylene Ammonia Hydrogen Sulfide	Gasoline

Flue Gas Analyser FG-100

The FG-100 is the perfect solution for today's HVAC installer: a fully compliant unit that is designed for usability, versatility and endurance. It's a complete tool for heating engineers, gas installers and plumbers.

NEW



**EN 50379-2
(O₂ & CO-H₂) compliant**

Features

Usability: Easy operation and maintenance.

- Easy to use – this analyser's menu guides you through the installation by means of on-screen instructions and allows consultation of all the measured parameters on one screen.
- Compact: The unit has a built-in printer, so only one device should be taken to the jobsite.
- Memory: Up to 200 measurement results and customer references can be saved on the device and downloaded to your home PC.
- Complete: Unit is supplied with flue gas probe, temperature and carrying case.

Versatility: A variety of measurements can be made with one single device.

8 tools in 1: This unit can be used as a:

- Combustion Gas Analyser.
 - Draft and differential pressure meter.
 - 2 channel thermometer.
 - Ambient CO monitor*.
 - A gas pipework leak tester*.
 - A gas sniffer*.
 - Ionisation flame tester*.
 - NO / NOx emissions analyser*.
- (* Optional equipment)

Maximal endurance: Designed for maximal uptime.

- Li-ION Long battery life (more than 3 years).
- Minimal downtime: Built-in impact printer uses standard paper (not thermal) that is widely available.
- Long life cells need replacement significantly later than standard cells.
- High capacity CO-cell: Up to 8000 ppm.
- Automatic CO dilution: Protects the device from exposure to high CO concentrations & extends the range up to 10%.
- Li-Ion rechargeable battery packs ensure a long life, long working autonomy (> 10 h) and fast charge.
- NOx ready: A NOx cell can be installed at any time.
- Sturdy design: Unit built for use in the field and protected with a rubber holster with magnetic lock.

Cat. No.	Model No.	Description	Weight kg	Std. Pack
25993	FG-100	Flue Gas Analyser	1,5	1

Accessories

Cat. No.	Model No.	Description	Weight kg	Std. Pack
26713	—	Roll, FGA paper	0,1	1
26718	—	Printer ribbon	0,1	1
26723	—	Filter, smoke 40 pcs	0,1	1
26728	—	Filter, Dust line	0,1	1
26733	—	Kit, FGA consumables (10 Paper roll, 2 Ribbons, 5 line filters)	0,3	1



Optional equipment

Cat. No.	Description	Weight kg	Std. Pack
26028	Gas pipe leak test	0,3	1
26673	Smoke pump	0,4	1
26678	Multihole probe	0,2	1
26683	Car Charger, 12 V DC	0,3	1
26693	Probe, air TC K	0,1	1
26698	Probe, contact TC K	0,1	1
26703	Probe, TC K clamp-flow	0,1	1
26708	Probe, Pt 100 clamp-return	0,1	1
26023	Ionization current probe	0,1	1
26013	Low pressure probe	0,1	1
26018	Ambient CO probe	0,1	1
26003	Gas Sniffer	0,1	1

Standard equipment

- Flue Gas Analyser with O₂ and CO cell and printer in magnetic rubber holster.
- Remote air temperature sensor to measure air inlet on closed boiler system.
- 300 mm probe.
- Draft / Differential pressure meter.
- 230 V charger.
- Supplied in ABS carrying case.
- Computer software and USB connection cable.
- Calibration Certificate.
- Spare printing paper roll.
- Spare dust line filter.



FG-100 Standard equipment kit

Zoom in or out to see all the parameters you need on one screen.



SeeSnake® micro™ Inspection Camera

The new SeeSnake® micro™ Inspection Camera makes it easier for you to perform visual inspections in hard to reach areas. Its lightweight, handheld design means that it can be carried almost anywhere, providing solutions when and where you need them. It allows you to see and do more, inspect and reach “unreachable” wall cavities, ductwork, utility boxes and hundreds of other dark, hidden spaces.

The unit is equipped with a semi-flexible 90 cm cable with a camera head which sends images to an LCD screen. The cable can be extended to 9 metres and is water-resistant to 3 metres. A hook or magnet for retrieving objects can be fitted to the camera head, or a mirror for inspecting from a different angle. The unit is supplied in a handy carry-case.



NEW

Protective Storage Case

Standard equipment

- Delivered with 90 cm pushcable.
- 4 AA batteries.
- Carrying case.
- Three attachments - Mirror, hook and magnet.

Features

- Display – 2,5” Monitor LCD (160 x 234 resolution).
- Attachments – Mirror, hook and magnet.
- Camera size – 17 mm diameter.
- Lighting – 2 adjustable LED’s.
- Weight – 0,5 kg.
- Power Source – 4 AA batteries.
- Waterproof – Camera and cable to 3 metres depth (when properly assembled).
- Cable reach – 90 cm; extendable to 9 metres with optional extensions (Cat n° 26658).

Cat. No.	Model No.	Description	Weight kg	Std. Pack
25643	—	SeeSnake® micro™ Inspection Camera	0,5	1

Accessories

Cat. No.	Description	Weight kg	Std. Pack
26658	90 cm cable extension	0,1	1
26663	Spare imager head and cable (90 cm)	0,1	1
26668	Spare accessory pack (mirror, hook, and magnet)	0,02	1

Grab it, hook it and diagnose it. 3 standard attachments can be used to fix a variety of problems.

