

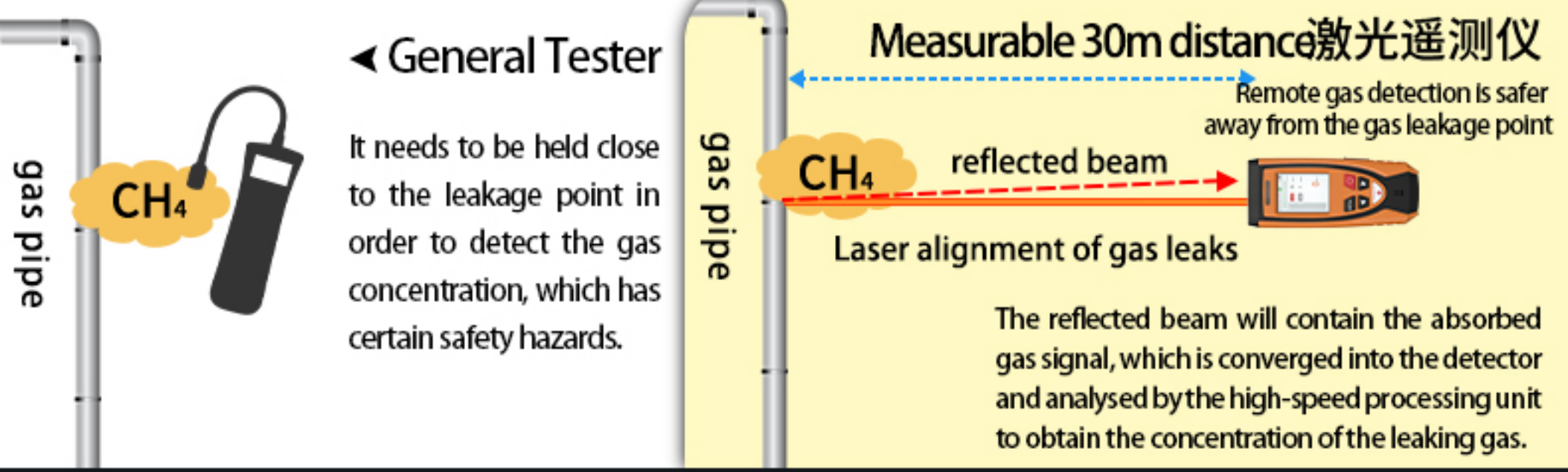
No contact, no danger.

Gas measuring distance up to 30 metres

Optical absorption method for telemetry of gas leaks Telemetry up to 30 metres

30m

Conventional detection distance of 10m



Product Size and Parameters



YC-20 laser methane telemetry			
Product Model	YC-20	Sensor life	≥ 5 years
target of detection	Methane (CH4)	Number of records	1700 items
Detection range	0~50000 ppm • m	measurement error	± 10 per cent of true value
Detection Principle	Laser Absorption Spectroscopy (TDLAS)	working environment	Temperature -20℃~60℃ Humidity <90%RH (no condensation)
Detection distance	10m (30m max)	operating voltage	DC3.7V (2000mAh)
Static detection limit	5 ppm • m	working hours	≥ 10 hours
response time	≤ 0.1s	Overall dimensions	137.9×57.2×33 mm
mode of instruction	Full-colour display of real-time data and status, light-emitting diode, sound indication of alarm/fault/undervoltage	Weight	Approx. 180g (excluding accessories)

*Size weight is measured manually, there are errors, for reference only.

Radon comes from soil, rock, air and water everywhere, and building materials are the main source of indoor radon. Radon will continue to accumulate in sealed or poorly ventilated spaces, such as basements, garages, warehouses, etc. The simplest way to reduce indoor radon concentration is to enhance indoor ventilation.

**Home Indoor****Business Premises****Underground Garage****Cellars****Mine Shafts****Water Treatment Plant**

Low-consumption operation Long life

Standard Type-C lithium direct charging

Built-in high-capacity rechargeable lithium batteries to meet the needs of a day's work

2000 mAh

Large capacity rechargeable lithium battery



Fully charged standby

≥ 10 hours

Rapid response Increased efficiency

High sensitivity at PPM level

Using large-scale integrated circuits, it can detect even small gas leaks.

$\leq 0.1_s$
responsiveness



Product Details

01



Laser transmitter/receiver

Please pull out the cork before use to avoid the cork blocking the lens for normal use.

02



Charging Interface

Standard Type-C port can be adapted to multiple charging methods

03



Lanyard at the bottom

Compact and portable

Quick alerts, timely evacuation.

Sound and light double alarm

When the gas concentration reaches the alarm value Indicator light flashing Honeycomb alarm

Top indicator light flashing alarm



▲ High and low alarm values can be set by yourself

Bottom Cellular Rattle Alarm



Automatic Backup View anytime

Automatic data storage

Automatically record the gas concentration value detected at any time during the detection status

2024-01-22 16:20    	
测量记录 (1-10/485)	
时 间	测量值
2024/01/22 16:17:58	12453 ppm-m
2024/01/22 16:17:52	4236 ppm-m
2024/01/22 16:17:44	0 ppm-m
2024/01/22 16:17:43	0 ppm-m
2024/01/22 16:17:41	0 ppm-m
2024/01/22 16:17:40	0 ppm-m
2024/01/22 16:17:36	0 ppm-m
2024/01/22 16:17:20	12633 ppm-m
2024/01/22 16:17:14	0 ppm-m
2024/01/22 16:17:06	24683 ppm-m

2024-01-22 16:20    	
测量记录 (1-10/485)	
时 间	测量值
2024/01/22 16:17:58	12453 ppm-m
2024/01/22 16:17:52	4236 ppm-m
2024/01/22 16:17:44	0 ppm-m
2024/01/22 16:17:43	0 ppm-m
2024/01/22 16:17:41	0 ppm-m
2024/01/22 16:17:40	0 ppm-m
2024/01/22 16:17:36	0 ppm-m
2024/01/22 16:17:20	12633 ppm-m
2024/01/22 16:17:14	0 ppm-m
2024/01/22 16:17:06	24683 ppm-m

1700 articles

Amount of recordable data



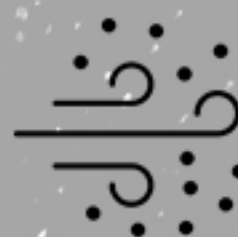
Rugged and durable Robust and reliable

Two-colour overmoulding process housing

High-quality protection with a good feel Dust/spill resistant



splash-proof



dust proofing



robustness

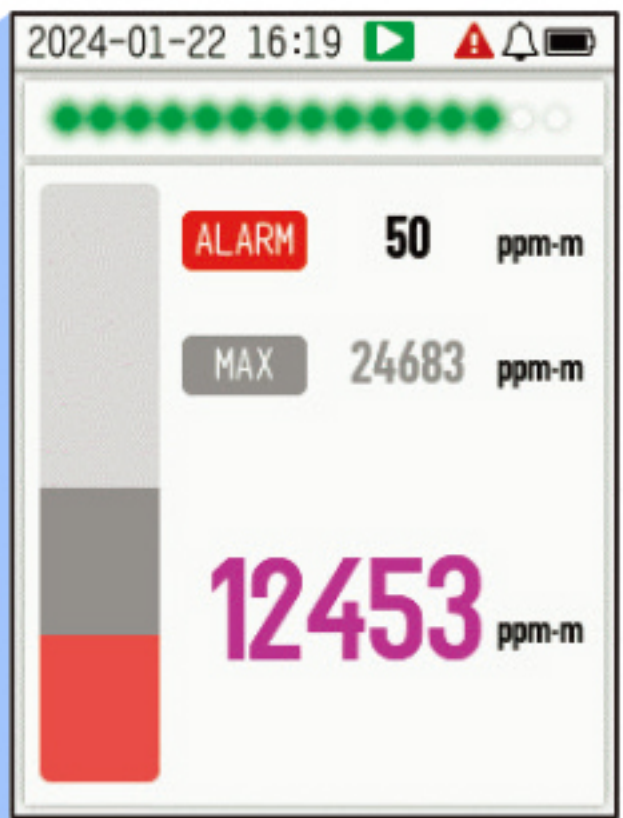
Colour interface Intuitive display

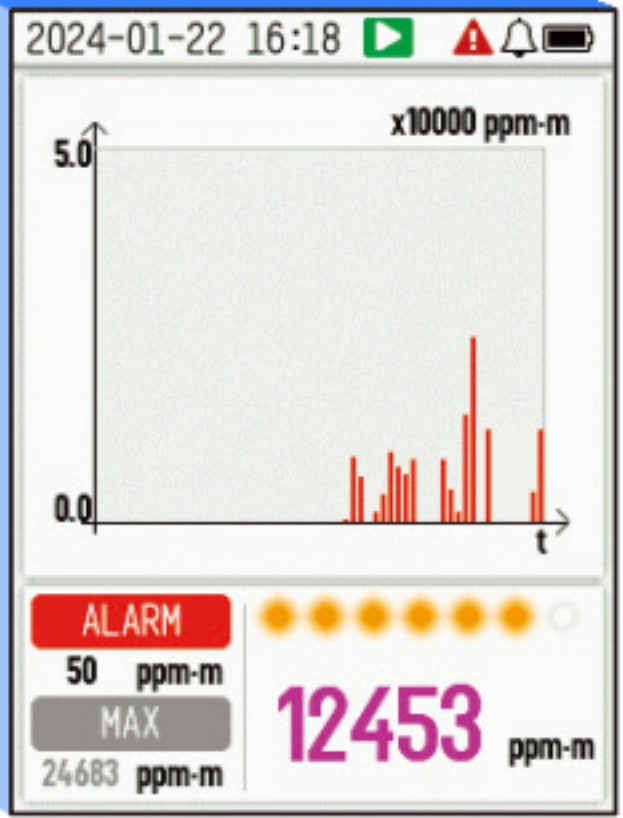
HD full colour screen Curve display

Real-time display of gas concentration Switchable curve display with left and right buttons



▼ Gas concentration value display interface





▲ Gas concentration curve + value display interface