

## Combustible Gas Leak Detectors

### VMLD700II+VRLD200 Vehicle Mounted Laser Methane Detector (pumped)

This system is used to check the gas leakage in urban areas. Leakage detection is easily carried out when driving along the street where the pipeline is underground at a normal driving speed. With 2 separate laser detectors, the system can detect the leakage in front and at the side of the street. The system consists of VMLD700II pump sampling laser detector in the front, VLD100 on the roof, controller in-car and remote monitoring platform. GPS and GIS technologies are adopted to exactly locate the leakage point and to upload the detection result to the remote monitoring platform.

#### FEATURES

- Fast response with no delay
- High sensitivity for tiny leakage
- Good selectivity: Only reacts to Methane that will avoid the interference from vehicle exhaust.
- Large pump absorption, wide detection range
- Data display: Real-time display concentration curve and patrol path by PAD.
- Adopt optical absorption method, remotely detect gas leakage with no contact.
- Detect the places that worker cannot approach to.
- Speed: Max 50km/h
- Mounted with HD camera, operator can see the detection clearly at real time.
- Cooperate with cradle and rocker, it will be convenient for scanning detection and quick positioning.



#### APPLICATION

It is suitable for street patrol monitoring of urban courtyard pipe network and gas transmission and distribution pipelines, and it is also suitable for street patrol monitoring of long-distance pipeline transmission and distribution streets in suburbs.

#### SPECIFICATIONS

Name	Detecting gas	Sensitivity	Detection range	Response time	Working temperature	Humidity
VMLD700II	Methane	1ppm	0-2000ppm	<1s	-35℃~70℃	0-99%RH
VRLD200	Methane	10ppm.m	0-50000ppm.m	<0.1s	-35℃~70℃	0-99%RH

