



EST-LD-600 Handheld Laser Methane Detector



EST-LD-600 handheld laser methane detector is an advanced gas petrol equipment newly developed by our company. Adopting the most advanced laser technology in the world at present, the non-contact measurement can realize remote detection of gas leakage, where the detection personnel cannot reach and accurately locate and quickly find the leakage source. With the advantages of small size, light weight, high sensitivity, quick response and good selection, it can be widely used in the city gas transmission and distribution pipeline, oil, petrochemical industry refineries, chemical plants, metallurgical industry, power industry and other places that may produce gas leakage.

Technical features

Adopts TDLAS detection principle

Detection distance can be more than 150 metres

Fast response, the alarm will be sent out on the leakage point, no alarm delay

Good selectivity, only response to Methane, effectively avoid the interference of water vapor, automobile exhaust and other gas

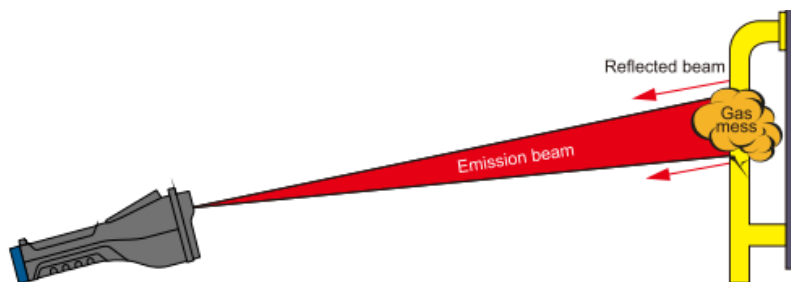
Color LCD screen display of gas concentration data

With real-time waveform and digital display functions, optional ranges of ppm.m, LEL.m and VOL.m

Low power consumption design allow continuous monitoring of objects that can be penetrated by light, such as ordinary glass, for a long time

Data can be uploaded to the remote monitoring platform via Bluetooth.

MAIN APPLICATION



SPECIFICATIONS

Measuring gas	Methane (CH ₄)	Alarm type	Visible, audible	Accessories	Blot, screen cover
Measuring range	0-100,000ppm.m	Measuring type	Laser beam	Option	Telescope sight
Sensitivity	5ppm.m	Response time	T90<0.05s	Audible alarm	85dB@1m
Battery voltage	DC3.7V	Working time	8 hours	Sensor life	10 years
Working temperature	-20°C~+50°C	Working humidity	<99%RH (no condensation)	Dimension	220mm×80mm×90mm
Explosion proof	Ex ib IIB T4 Gb	Ingress protection	IP66	Weight	About 600g