Best Detectors,
Best Service

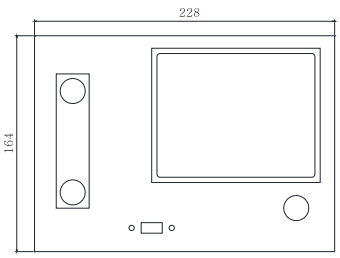
GASDNA

HC

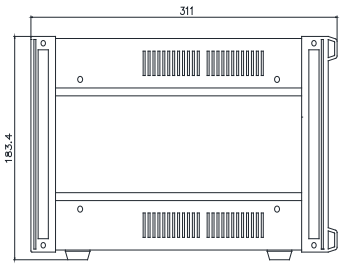
DA-770-HC

HC

DA-770-HC



Front view



Side view

DA-770-HC is an analyzer that measures hydrocarbons.
It does not react to other gases.
It uses an air pump to quickly and accurately measure only the gas of interest.
For more information, please refer to the specifications below and the description on the back

● Product Specifications

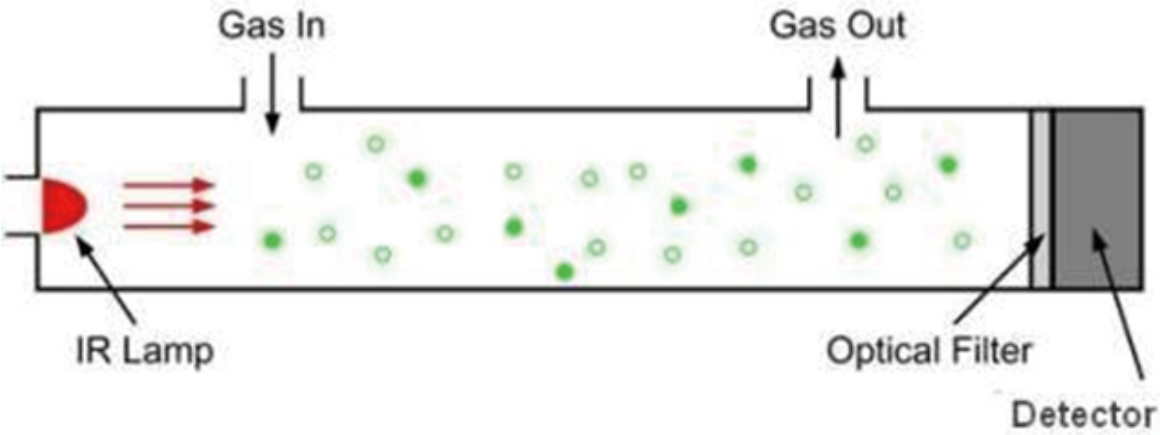
Classification	DA-770-HC
Detection principle	NDIR method (Non-dispersive infrared method)
Detection method	Aspiration type
Detection gas/detection range	0~5000 PPM / 0~5 %VOL / 0~50 %VOL / 0~100 %VOL
Response speed	Within 5 seconds
Accuracy	≤ ±1%/Full Scale
Optional function	Calibration concentration, detection range setting
Input power	AC 220V
Operating temperature and humidity	-20℃~50℃, 5~95 %R.H. (NON-CONDENSING)
Output	2 step- Relay Contact (ALARM-1/ALARM-2)
Communication specifications	RS-485 communication output, USB memory storage

HC

DA-770-HC

● DA-770-HC is a gas analyzer that boasts the highest precision and lowest uncertainty in Korea. It uses an NDIR sensor, so it has a longer lifespan than existing products from other companies and can be used more stably. (NDIR: Non-Dispersive Infrared Absorption)

● The non-dispersive infrared absorption method detects the concentration by measuring t he light absorption rate according to the gas concentration by utilizing the characteristic of each gas molecule absorbing light of a specific wavelength. Compared to the semiconductor method and electrochemical method, which have low measurement accuracy due to interference from moisture and other types of gases, the NDIR method selectively detects and measures only specific gases, so it is very accurate.



– IR Lamp: Light source (infrared diode)

– Chamber: Contact space between infrared and sample

– Optical Filter: Filter that passes only specific wavelengths

– Detector: Detection

● Be careful not to expose it to factors that affect precision and accuracy (such as rapid changes in temperature and humidity).