



CO	0	ppm
H ₂ S	0.00	ppm
O ₂	20.93	%
EX	0	%LEL
CO ₂	450	ppm
VOC	0.00	ppm

P AL AH F

YT-98H/YT-98H-A

Fixed Gas Detector

Product overview

YT-98H/YT-98H-A series is a fixed single & multi gas detector with built-in pump. It can detect 1-6 kinds of gases simultaneously and continuously. With IECEx, ATEX certificate (on-going) and non-contact magnetic wand design, it can be installed and operated in hazardous areas. It supports 3-wire 4-20-mA, HART, RS485 Modbus relay output, making it compatible with most control systems. With optional wireless data transmission so user can view real time data on laptop, mobile phone remotely.



YT-98H-A with display and alarm light

YT-98H with display

Product Advantage

- With internal suction pump, fast response
- Up to 6 kinds of gases can be detected simultaneously in 1 device. Easy and cost-effective for installation and maintenance.
- 2.4-inch industrial-grade high-definition color screen with a resolution of 320*240 and a wide viewing angle of 120 degrees.
- With wireless communicate function, real time data can be uploaded to cloud platform, user can check data and receive SMS alarm alert in real time on mobile phones and computers.(optional)
- With manually span and zero calibration function, making gas monitoring more accurate and more reliable.
- Standard 4-20mA analog signal, RS485 modbus signal and relay signal output, optional HART output.
- Standard infrared remote control, optional non-contact magnetic wand control to modify the detector settings.
- With sound and light alarm function, there is sound and light alarm when reaching the alarm point.(optional)
- HD color display, easy operation and user friendly.
- With faulty alarm, will send alarm when there is faulty.
- IP66 protection grade, water proof and dust proof

Technical parameters

Gas Detected:	CL2
Detection Principle:	Electrochemistry
Measure range:	0-100ppm
Resolution:	0.01ppm
Accuracy:	≤ ± 3%FS (depending on the specific sensor)
Response time(T90):	30s
Repeatability:	≤ ± 1%
Pump flow:	0.5 L/Min
Zero shift:	≤ ± 1% (F.S./year)
Display:	2.4-inch color display, resolution 320*240
Display content:	gas molecular formula, concentration, unit, pump status, etc
Alarm(Optional):	buzzer, alarm status prompt on the display screen, high and low alarm valuescan be set by customer
Language:	Chinese and English
Communication and data download:	With PC software, history data can be downloaded, stored, printed, and analyzed in computer (optional)
Temperature:	- 20℃ ~ 50℃
Humidity:	0-95%RH(nocondensation)
Case:	Die-cast aluminum
Power:	12-24V DC
Dimensions:	286*202*96mm (H x W x D)
Weight:	3.4kg (3.8kg with alarm light)
Explosionproof grade:	Ex d IIC T6 Gb