

Fixed Single-Point Gas Monitors / Transmitters

Automatic calibration for simple and effective measurements

The Dynagard accurately displays values on a large backlit LCD, and can transmit a linear 4 to 20 mA output. AutoCal® calibration and maintenance is done effortlessly through front panel push-buttons. Smart sensors enable the user to change measuring ranges or gas types in the field without the need for additional programming. The Dynagard is equipped with onboard relays for two adjustable alarm points, and one sensor fault for local connection and activation or deactivation of external devices like strobes, fans, auto dialers, etc.



10109-36

- AutoCal® automatic calibration
- Smart sensor technology
- Digital display/control connection
- Internal push-button alarm settings

SPECIFICATIONS	
Detection principal	Electrochemical
Detection method	Diffusion
Response time	T90 < 25 sec. (depending on gas)
Expected sensor life	2 years (depending on gas)
Display	4-digit LCD, Power, Alarm, and Fault LEDs
Output signal	Linear 4 to 20 mA
Relays	2 alarm points, 1 fault—voltage free; Voltage: 250 VAC 50/60 Hz or 250 VDC max.; Current: 4 A AC/DC max.
Alarms	95 dBA at 12" (304.8 mm)
Operating conditions	5 to 115°F (–15 to 46°C), 15 to 96% RH
Pressure range	920 to 1080 hPa
Housing	Polystyrene enclosure with clear polycarbonate lid
Dimensions (W x H x D)	7½" x 8" x 4¾" (190 x 200 x 120 mm)
Power	115 VAC / 24 VDC

Catalog No.	Model No.	Gas monitors / gas detected	Sensor range
TS-10119-44	3711-200F	Ammonia (NH ₃) frozen temperatures (–40 to 105°F / –40 to 41°C)*	0 to 200 ppm
TS-10119-42	3711-1000S	Ammonia (NH ₃) frozen temperatures (–40 to 105°F / –40 to 41°C)*	0 to 1,000 ppm
TS-10119-38	3704-500	Carbon monoxide (CO)	0 to 500 ppm
TS-10119-41	3708-050	Chlorine (Cl ₂)	0 to 50 ppm
TS-10119-48	3781-001	Chlorine dioxide (ClO ₂)	0 to 1 ppm
TS-10119-49	3792-020	Ethylene oxide (C ₂ H ₄ O)	0 to 20 ppm
TS-10119-45	3742-200	Hydrogen chloride (HCL)	0 to 200 ppm
TS-10119-32	3743-200	Hydrogen cyanide (HCN)	0 to 200 ppm
TS-10119-37	3703-200	Hydrogen sulfide (H ₂ S)	0 to 200 ppm
TS-10119-39	3706-050	Nitrogen dioxide (NO ₂)	0 to 50 ppm
TS-10119-47	3761-300	Nitric oxide (NO)	0 to 300 ppm
TS-10119-36	3701-030	Oxygen (O ₂)	0 to 25% volume
TS-10119-40	3707-050	Sulfur dioxide (SO ₂)	0 to 50 ppm
*(–40°F/–40°C) Ammonia sensor is not recommended for areas where there is a potential for background carbon monoxide or alcohols.			
Calibration kits			
TS-10119-51	7771-038	Without gas, reactive gas (fixed flow regulator 0.5 LPM, tubing, and adapter)	
TS-10119-50	7771-034	Without gas, non-reactive gas (fixed flow regulator 0.5 LPM, tubing, and adapter)	

Get Answers.
Troubleshooting Processes
and Equipment

0984 843 683

sales@ttech.vn