



**(FBXTHCA)**  
**Total Hydro-Carbon Analyzer**



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## Specifications

Parameters	Specifications
Target gas detection	LPG / CNG – highly sensitive Benzene – highly sensitive Toluene and Xylene – moderate sensitive Smoke – highly sensitive Alcohol – highly sensitive IPA – moderate sensitive Formaldehyde (HCHO) – less sensitive Petrol / Diesel – highly sensitive PVC solvents, glue bonding agents – highly sensitive
Interference gas	Alcohol ,CO
Warm-up time	3-5 minutes
Response Time (T90)	<10 seconds
Hydrocarbon detection Range	0-50 ppm
Resolution	1 ppm
Operating range	Humidity (0-100%rh) Temperature 0°C-70°C
Accuracy	±10% for values < 20 ppm ±15% for values >20 ppm
Display	0-10 ppm FRESH 10+ ppm STALE
Long term stability	±0.5%rh

### Air Quality Index for THCA



Air Quality Index	Recommended actions
Good	Breathing air quality is healthy
Normal	Air purifier is preferable. Might cause breathing troubles (like coughing, sneezing) if exposed for a prolonged duration
Poor	Not good for health. Will cause health hazard if continuously exposed under these breathing conditions
ALARM	Smoky air, not fit to breathe even for more than 10-15 minutes. Recommend to turn off the monitor in such cases