

Thermo Model 51i HT Total Hydrocarbons (THC)



RENTAL AND APPLICATION NOTES:

- Shipping Weight: 65 lbs.
- Designed for EPA Method 25A Testing
- Model 51i TH can be calibrated via the sample port, or via internal zero and span solenoids. Drivers (24VDC) offer activation of external solenoids for calibration of the entire sampling system
- Calibration Gas: Zero Air and FID Fuels (100% H₂, Zero Grade (Normal), 60/40 FID Fuel (on request) are available from CleanAir

SPECIFICATIONS:

- Weight: 50lbs.
- Dimensions: 16.75"x8.62"x23".
- Power: 420W.; 120VAC
- Detection method: Flame Ionization (FID).
- Detection limit: 0.05ppm (10 sec. avg)
- Outputs: selectabel voltage, RS232/RS485, TCP/IP, 10 status relays, and power fail indication, 0-20 or 0-40 mA isolated current output (optional).
- Range: 0-10ppm or 0-10,000ppm user selectable.
- Response time: <15 sec. for 90% FS @ 1 sec. avg.
- Temperature: 15-35°C
- Flow rate: 0.75-1.51 LPM.
- Span drift: < 2% of range of 0.20ppm (whichever is larger).
- Zero drift: <0.5ppm 24hrs.
- Linearity: $\pm 2\%$ FS.
- Warm up time: 2 hrs.