



FTIR Mobile Systems

CONTINUOUS MONITORING SYSTEM FOR
PROCESS MEASUREMENT & EMISSIONS COMPLIANCE

PERMANENT | RENTAL

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AMP-Cherokee's FTIR Mobile System is a continuous, automated platform featuring a full sampling console. The system supports multiple analyzer configurations, sample and calibration gas flow, temperature/heater control.

Sample and Calibration Gas Flow Control

- Controls sample pump flow rate
- Operates calibration gas solenoids for automated calibrations
- Monitors probe and heated line temperatures
- Automatically shuts down sample pump when temperatures falls below set point
- Sample and calibration gas flow control
- Temperature/Heater Controls:
supports one probe and two 100-ft heated sample lines (120V powered)

Data Acquisition System (DAS) Options

- Datalogger
- Trending capability
- Ethernet switch provides customer integration / Modbus
- 4-20 mA outputs available

Analyzer Options

- MAX-IR FTIR
- MAX-IR Starboost w/ TOM Thermal Oxidizer
- MKS FTIR
- Zirconium Oxide O₂ Analyzer
- THC Analyzer
- Spiking capability

Rack Specifications

- Power Requirement:
Single-phase, 240V, 60A
- 30.5" wide x 59" tall x 32.5" deep



Customizable analyzer configurations available for specific applications.



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