



# ***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 O<sub>2</sub> 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.*



NORTH CAROLINA: 100 Logan Court | Angier, NC 27501  
TENNESSEE: 8703 Unicorn Drive, Suite 302 | Knoxville, TN 37923  
919.552.0554 [www.ampcherokee.com](http://www.ampcherokee.com)

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