

## MKS FTIR, Multigas 2030

### Rental and Application Notes

- Shipping Weight: 180 lbs.
- Designed to meet EPA Method 318, 320, 321 and various VOC and inorganic gas sampling including Formaldehyde, Ammonia and HCl.
- Nitrogen and Ethylene calibration gases are needed.
- Liquid Nitrogen is needed for most applications.
- Instrument rental of the MKS FTIR includes a laptop to run the MKS software.
- Rental is accompanied with an operator unless otherwise arranged through CleanAir Instrument Rental



	Specifications
<b>Weight</b>	110 lbs
<b>Dimensions</b>	17.5"W x 12.5"H x 25.5"D
<b>Power</b>	120 or 240VAC, 50/60 Hz, 3amps
<b>Measurement Technique</b>	FTIR Spectrometry
<b>Detector</b>	21um 0.25mm LN2 cooled detector, 7um 0.25mm TE cooled also available
<b>Ranges</b>	Full scale setting < 100ppb to 100% concentration
<b>Averaging Time</b>	0.2 sec to 5 min
<b>Spectral Range</b>	2um - 20um (500 - 5,000cm-1)
<b>Sample Flow</b>	0.2 - 10 L/min
<b>Sample Pressure</b>	0.1 - 1.3 Atm (0-1000 Torr)
<b>N2 Purge</b>	20psig (1.5 bar) max, 0.1 L/min
<b>Gas Cell</b>	Nickel coated Aluminum
<b>Cell Temperature</b>	Ambient to 191° C
<b>Cell Mirrors</b>	Nickel plated Aluminum Substrate with rugged gold coating
<b>Cell Windows</b>	KBr or ZnSe