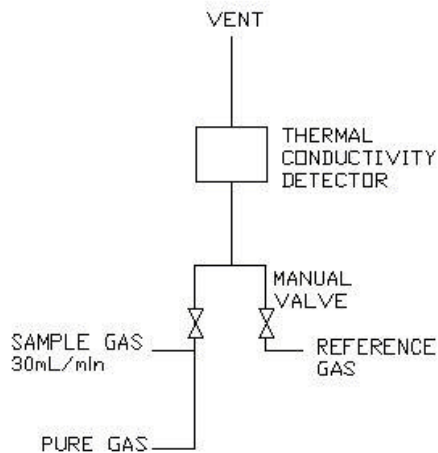


# Quantum technology



Thermal Conductivity Schematic

A thermal conductivity detector (TCD) gas analyzer measures gas concentration by measuring the changing thermal gas conductivity with respect to changing impurity concentrations.

## Standard Features

- Dual Pass
- Bench or 19" Rack Mount
- TCD, Dual Pass 4 Filament, Diffusion Type, WX Filaments
- Response time <30 s for most applications

## CANADA:

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- Operating Temperature Range: ambient (without temp. control option) ambient - 100°C
- Sensitivity: Equivalent to 2% air in helium
- Accuracy: 0.8% full scale air in He
- 5-Way Metering Valves
- 3 ½ Digital Meter Readout
- Voltage to Current Converter, 4-20 mA (optional)
- Detector Temperature Control
- Purgeable Housing (optional)
- Corrosion Resistant Systems available
- 115 V or 230 V systems available
- Weight: Net: 30 lbs. (13.50 kg)  
Shipping: 35 lbs. (15.75 kg)
- Dimensions:\*  
Bench: 11.25"W x 11.25"H x 12"D  
(28.58 cm x 28.58 cm x 30.48 cm)  
19" Rack: 19"W x 11.25"H x 12"D  
(48.26 cm x 28.58 cm x 30.48 cm)  
\*Will vary depending on application

## USA:

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