![CleanAir logo]

# Thermo 15i HCl Analyzer

## Rental and Application Notes

- Shipping Weight: 55 lbs.
- Uses an exact calibration curve for accurate linearization over any range up to 5000ppm
- Analog data outputs with selectable voltages
- Can be remotely controlled with bi-directional RS-232 comunication port, or ethernet port
- Rack mountable for integrated CEMS
- On board diagnostics, can be performed locally and remotely
- Calibration gases available for rent

| | Specifications |
|---|---|
| **Detection** | Gas filter correlation |
| **Unit Weight** | 49 lbs. |
| **Dimensions** | 16.75"x 8.62"x 23" |
| **Power Requirements** | 115 VAC @ 275W |
| **Outputs** | 0-10V, RS232/RS485, TCP/IP, 10 status relays (standard)<br>4-20 mA isolated current output (optional) |
| **Inputs** | 16 digital inputs (standard)<br>8 0-10VDS analog inputs (optional) |
| **Ranges** | CleanAir suggested range: 0-100ppm to 1000ppm<br>Manufacturer ranges: 0-1ppm to 10,000ppm |
| **Rise/Fall Times (0-90%)** | 1 minute (30 second averaging) |
| **Operating Temperatures** | 5-45°C |
| **Sample Temperature** | Ambient |
| **Flow Rate** | 1.0LPM |
| **Detection Limit** | 0.2ppm |
| **Span Drift** | ±2% FS over 24 hours |
| **Zero Drift** | ±0.2ppm over 24 hours |
| **Linearity** | <1000ppm: ±2% FS<br>>1000ppm: ±5% FS |
| **Warm-up Time** | 2 hours to stabilize |