CleanAir®
INSTRUMENT RENTAL

800.553.5511
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H_2Scan
HY-OPTIMA™ 2740 series

Rental and Application Notes:

- Explosion Proof In-line Area Hydrogen Analyzer
- Class 1, Division 1, Groups B,C and D
- Solid-state sensore configured to operate in background gas streams
- Ideal for Hydrogen production and petrochemical applications where real-time measurements of Hydrogen can increase process efficiencies

Specifications:

- Weight: 5 lbs.
- Dimensions: 5.4”(w) x 7.5”(h) x 5.7”(d).
- Adapter fitting: 3/4” Union Tee Compression
- Power: 90VAC to 240VAC, 15W
- Calibration Background Gas: Nitrogen
- Output: 4mA to 20mA
- Flow Rate:0.1slpm to 50slpm.
- Manufacture Ranges:0.5% to 100% Hydrogen at 1ATM
- Response Time: T90<60sec
- Operating Temperatures. -20^{O}C to 55^{O}C
- Response time: T90 < 60sec.
- Detection Limit: <0.5%
- Operating Humidity: 0% to 95% RH
- Process Gas Tolerance: CO up to 20% by volume
  H_2S up to 10% by volume
- Repeatability: $\pm$ 0.2% absolute for 0.5-10% H_2
  $\pm$ 0.4% absolute for 10-100% H_2
- Drift/Week: $\pm$ 0.2% absolute for 0.5-10% H_2
  $\pm$ 0.4% absolute for 10-100% H_2
- Linearity: $\pm$ 0.2% absolute for 0.5-10% H_2
  $\pm$ 0.4% absolute for 10-100% H_2