

# CHROMATOGRAPHY & INSTRUMENTS CO.

## TRACE GAS ANALYZER

BASED ON PDHID/DID FOR PPM & SUB-PPB ANALYSIS



On Line Model



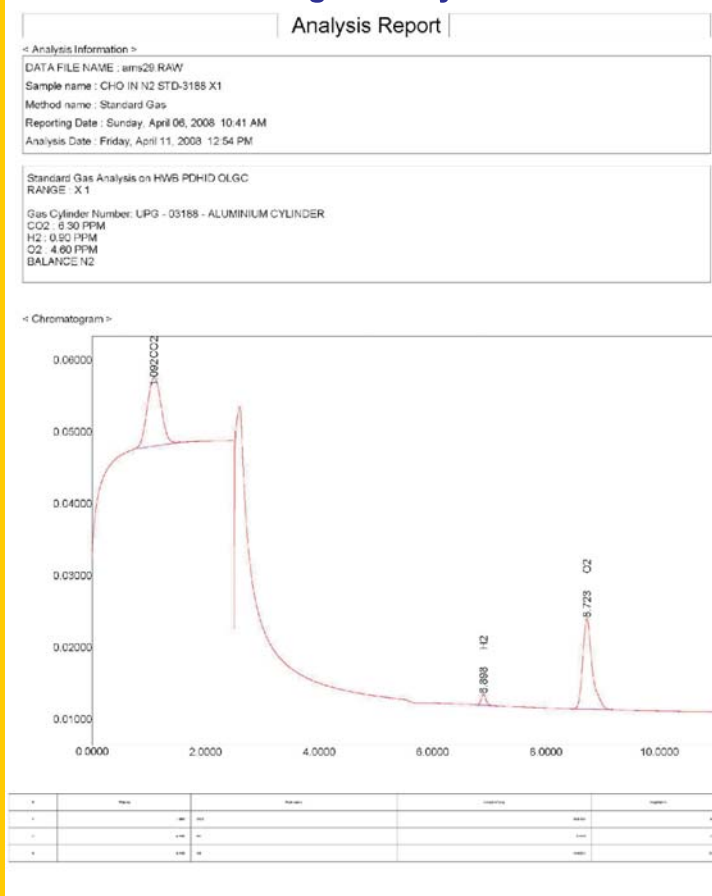
PDHID DETECTOR



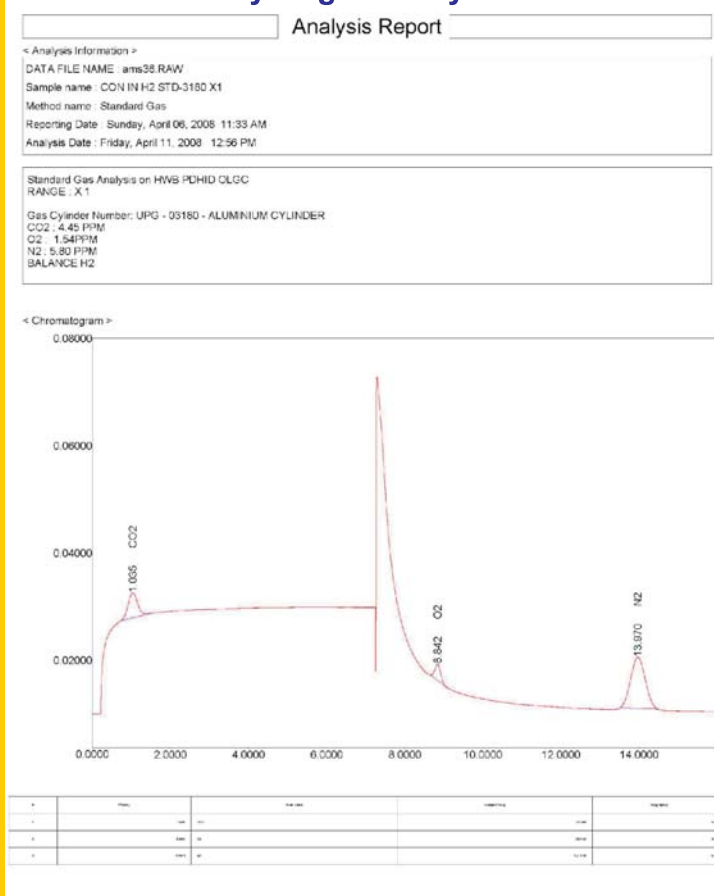
Off Line Model

The Trace Gas Analyzer uses PDHID/DID detector for analyzing elutants in low PPM & PPB range. The trace gas analyzer is a specially built system utilizing special components for achieving detection in low PPM and PPB levels. A specially designed & configured system is used for the analysis of fixed gases in low PPM in bulk gases for purity certification & impurity profiling. The below two chromatograms are analysis reports for the impurities in Hydrogen & Nitrogen gas at Gain 1(The system can achieve much lower MDL at Gain 10).

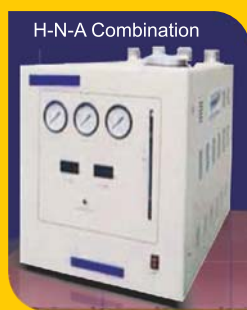
### Nitrogen Analysis



### Hydrogen Analysis



## Gas Generators - Individual+Combination



- Attractive systems with small Foot print
- Advanced technology
- Very low noise ideal for use inside the laboratory
- Very Economically priced
- Flow rates from 100 ml/min to 10 LPM
- Built for reliable operation

## Dhruva - The Guiding Star



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The photographs of generators shown in the bulletin may change according to model selected! Manufacturer reserves the right to alter the specifications & design without notice. The changes will be reflected in the quotation.