

MASS SPECTROMETER



ABOUT US

Potentia with over 25 year of experience in the Oil & Gas, Fertilizer and Power Sectors can provide a critical tool for use in a variety of applications in both research and industrial settings, where real-time, on-line gas monitoring is essential. These analyzers have a long history in industrial gas, medical gas, and chemical processing enabling detection of moisture and other rogue impurities in process gas streams, including inert, reactive, corrosive, bulk and specialty gases.

OUR OFFERINGS

Our real-time mass spectrometers are built for the demands of the gas and ion analysis for industrial and high purity process control, environmental monitoring, and cutting-edge semiconductor and laboratory research. Our mass spectrometers offer high sensitivity and a wide dynamic measurement range from ppb to % level)for full, speciated composition.

ONE STOP SOLUTION

Our Mass spectrometers can be used for a wide range of applications, including:

- Identifying & quantifying compounds in complex mixtures
- Measuring isotopic ratios,
- Monitoring reaction kinetics
- Drug discovery and development
- Characterization of small molecules

Ammonia

- > Precise HN ratio
- > Steam/carbon ratio
- > Methane slippage
- > Inert gas buildup
- > Catalyst activity

Ethylene Oxide

- > Precise carbon balance
- > Precise oxygen balance
- > Selectivity near real-time

Ethylene Cracking

- > High-speed cracking severity measurements
- > Multiple furnace capability
- > 3 second interval between furnaces

Steel Processing

- > Blast furnace top gas
- > Blast furnace burden probes
- > Steel converter gas analysis
- > Fuel gas mixing control

Others

- > Biofuel Analysis
- > Gas Purity Analysis
- > Pyrolysis Analysis
- > Natural Gas
- > Metals & Steel
- > Basic Oxygen Process (BOP)
- > Blast Furnace Analysis
- > Gas Mixing Stations
- > Heat Treating
- > Food and Beverage Analysis

COMPACT

EASY TO USE

COST-EFFECTIVE

LABORATORY TO INDUSTRIAL APPLICATIONS



+92 423 5708271

inquiry@PotentiaME.com

285-Q D.H.A Phase-II Lahore-Pakistan