TEMPERATURE MEASUREMENT

- Range of Dust & Water Proof General Purpose / Logging Thermometers
- Single, Dual & Multi Channel Models.
- Infrared Thermometers (Portable / On-line)
- Temperature Printers, Recorders & Monitoring Systems
- Simulators, Reference Thermometers & validation equipment
- Temperature Probes : Standard , customized

ENERGY INDIA
TECHNOLOGY CONSULTANTS

ENERGY INDIA

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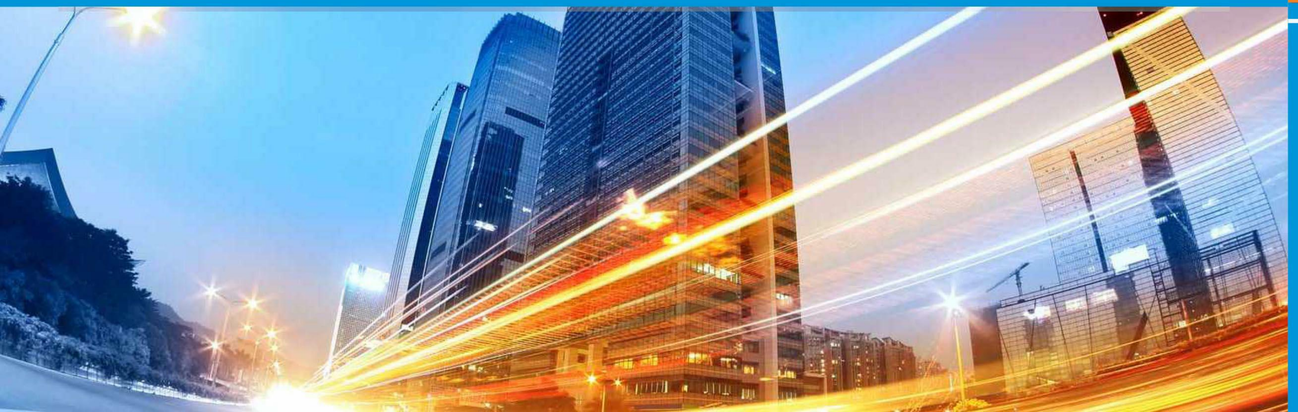


ENERGY INDIA INDUSTRIAL PRODUCT BROCHURE

ENERGY INDIA
TECHNOLOGY CONSULTANTS

Air Pollution Monitoring
Water Quality Monitoring
Meteorology Monitoring
Elemental Analysis Monitoring
Pressure & Flow Measurement
Temperature Measurement

DELIVERING MILLENNIUM TECHNOLOGY

HAND-HELD FUEL GAS ANALYSERS

- For measuring O_2, CO, CO_2, NO, NO_2,NOx, SO_2, CH_4, H_2S, Draft, Temperature
- Long life electrochemical and NDIR Sensor
- Strong suction pump

PORTABLE FUEL GAS ANALYSERS

- For measuring O_2, CO, CO_2, NO, NO_2, NOx, SO_2, CH_4, H_2S, Draft, Temperature
- Built-in peltier cooler essential for NOx/SOx analysis
- Long life electrochemical and NDIR Sensor
- Strong built-in suction pump
- Graphic Display
- Suitable for continuous use

TUV APPROVED CONTINUOUS EMISSION MONITORS (CEM'S) MAKE - HORIBA, JAPAN

- New generation of Extractive type CEM's
- Analysis for O_2, CO, CO_2, NO, NO_2,NOx, SO_2, CH_4, H_2S, H_2, HCl, NH_2, Stack Velocity, flow, Temperature,
- Choice of sensor, Zirconium Dioxide, Electrochemical, NDIR, Paramagnetic, Thermal Conductivity
- Choice of integrated or stand-alone sample conditioning systems
- Options of Heated Sample Line OR Permapure
- Sampling Probe for low and high Dust with back flush facility (Automatic / Programmable)

TUV APPROVED DUST / OPACITY MONITORS

- New generation monitors for in-situ dust measurement
- Sensor based on Triboelectric OR optical transmission
- Measured value in Opacity/Calibration capability in mg/nm3 Adjustable limit value
- Tailor made Solution, even for wet and sticky gases
- Advanced features like Automatic Compensation for flow and temperature variation, auto soiling correction etc
- Option for integrated flow measurement
- TUV approved

WATER QUALITY

- Comprehensive range of Pocket, Handheld /Portable, Bench Top & On- line meters for pH, Conductivity, TDS,Salinity, Dissolved Oxygen, Turbidity, Temperature etc.
- Spectrophotometers, Ion meters, Flame Photometers, Colorimeters, Colony Counters, Pyrogen Testing, Comparator, COD, BOD Digestion Systems
- Field Test Kits : Electronic, titrimetric for environmental studies, water, industrial water, waste water, ground water, food, aquaculture reagents & chemicals etc.

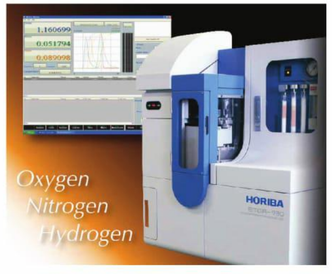
METEOROLOGY

- Professional meteorological equipment for consumer & industrial application
- Easy to install Portable , Wireless Stations
- Pre configured modules or customized systems including telemetry
- Comprehensive Sensor library of meteorological , gas detection, air quality , water monitoring parameters .
- Stand alone rain gauges, anemometers, barometers, thermometers & variety of other weather products available

ELEMENTAL ANALYZER

- **New Generation C-S Analyzer**

  Elemental analysis is an important factor in determining the characteristics and performance of various materials. In recent years, it has become increasingly important to accurately analyze the carbon and sulfur content in a variety of materials, including steel, electronic materials, catalysts, and alloys. Expertise in analysis - for example pre-treatment - is important in accurately measuring the carbon and sulfur content in various materials. We offer customers all the support necessary to accommodate increasingly advanced materials; not only by improving the accuracy of the analysis equipment, but also by assisting in actual analysis processes.



- **New Generation O-H-N Analyzer**

  Simultaneous oxygen/nitrogen/hydrogen elemental analyzer with high accuracy and repeatability repeatability suited to advanced R&D as well as quality control in the markets of steel, new materials, catalysts and many others. This is a new generation model optimized to fit the user's needs.

AIR

- Anemometer: Vane. Thermal & Ultrasonic type
- Pressure Meter, Micro Manometer, Barometer
- Pilot Tubes, Flow Girds, Flow Hoods, Pressure Gauges, Pressure Alarms
- Pressure Calibrators
- Transmitters for Pressure, Velocity, Humidity & Temperature

LIQUID

- Non Contact Ultrasonic Flow meters
- Transit time & Doppler Flow meter for closed pipes & open channel
- Linear, Volumetric Flow Rate & Total integrated flow
- Area, velocity & Flow monitor for open channel
- Suitable for Pipe dia. from 13mm to 5000mm
- Suitable for clear & cloudy liquids