



COMPLETE ENVIRONMENTAL SOLUTIONS

Air, Sound, Water, Soil Pollution Monitoring Instruments Manufacturing, Sales, Servicing & Calibration

870FF, BLOCK-A, AFFORDABLE HOUSE, MU-II, GREATER NOIDA, GAUTAM BUDH NAGAR-201310, U.P., INDIA

+91-7840088951, +91-8130667557, +91-8585922660

cesindia@ymail.com,

cesindia1@gmail.com,

www.cesindia.co.in

GSTIN NO: 09EPS58978Q1ZY

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PRODUCT LIST

AIR POLLUTION MONITORING INSTRUMENTS

- RESPIRABLE DUST SAMPLER (PM10)
- FINE PARTICULATE SAMPLER (PM2.5)
- COMBO SAMPLER (PM10+PM2.5)
- STACK SAMPLER
- HANDY DUST SAMPLER
- PERSONAL SAMPLER
- BENZENE SAMPLER
- LOW VOLUME SAMPLER
- GASEOUS POLLUTANT SAMPLER
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
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- SOUND LEVEL METER
- WEATHER MONITOR
- LUX METER • VIBRATION METER
- TOP LOADING CALIBRATOR
- FLOW CALIBRATOR
- TIME CALIBRATOR
- SOUND LEVEL CALIBRATOR

LAB INSTRUMENTS

- BIO SAFTY CABINET
- FUME HOOD
- BOD INCUBATOR
- COD DIGESTOR
- AUTO CLAVE
- BIOLOGICAL INCUBATOR
- HOT AIR OVEN • WATER BATH
- HUMIDITY CHAMBER
- HOT PLATE
- DISTILLATION UNIT

DIGITAL BOMB CALORIMETER



DIGITAL BOMB CALORIMETER

FOR DETERMINATION OF CALORIFIC VALUE OF LIQUIDS & SOLIDS



CAT NO RSB 5 - WithOut Printer

CAT NO RSB 6 - With Printer

Both RSB 6 & RSB 5 Models Comes Complete with Accessories for analysis

Designed in accordance with the specifications of the Institute of Petroleum and the British Standard Institution.

Test Certificates i.e. Digital Beckmann Thermometer & Hydraulic Pressure Test of S.S.Bomb are provided with the Instrument.



- HEATING MENTLE
- KJELDAL ASSEMBLY
- DEEP FRIZZER
- PH METER
- TDS METER
- CONDUCTIVITY METER
- SPECTROPHOMETR
- WEIGHING BALANCE
- MOISTURE ANALYZER
- DIGITAL ULTRASONIC CLEANER
- DO METER
- GRADENT THERMAL CYCLEAR PCR
- ICE FLAKER
- ICE MAKER
- PROBE SONICATOR
- DIGITAL VISCOMETER
- DIGITAL PRESSURE INDICATOR
- LON SELECTIVE ELECTRODES
- POLARIMETERS
- VISCOMETERS
- PROBE SONICATOR-TOUCHSCREEN
- LON WITH PH METER-5 POINTS
- PH ELECTRODES
- MULTI PARAMETER / DO METER
- REFRACTO METERS
- GRADIENT THERMAL CYCLER
- ULTRASONIC CLEANERS
- CERAMIC HOTPLATE MAGNETIC STIRRER
- DIGITAL PIPETTES
- REFRIGERATED CIRCULATING BATH
- DIGITAL WATER BATH
- ANALOG MULTIMETER
- DIGITAL MULTIMETER
- BENCH TYPE TRUE RMS DIGITAL MULTIMETER
- AC CLAMP METER
- AC/DC CLAMP METER
- POWER CLAMP METER
- AC LEAKAGE CURRENT TESTER
- EARTH LEAKAGE
- INSULATION RESISTANCE TESTER
- PHASE ROTATION METER
- VOLTAGE DETECTOR
- DIGITAL CAPACITANCE METER
- DIGITAL LCR METER
- DIGITAL MILLIOHM METER
- LUX METER

BOMB CALORIMETER OUTFIT

Rico Digital Bomb Calorimeter provides a simple and inexpensive method for determination of heats of combustion of organic matter and the calorific value & sulphur contents of solid & liquid fuel. The outfit supplied is complete for analysis as per the method recommended by British Standard Institution BS 1016. All parts of the outfit have been finished and tested according to the specifications laid down by Institute of petroleum and British Standard Institute.

TESTING OF BOMB

Each Bomb is tested before it leaves the factory, in accordance with the requirements of the Institute of Petroleum (LP. 12/63 T. Appendix 1) and a works certificate is issued with each Bomb. This certificate gives the results of hydraulic testing under a pressure of 300 atmosphere (4400 p.s.i.) maintained for a period of ten minutes without sign of leakage. The maximum deformation must not exceed the specified limits. Combustion Bomb certified by National Test House/Regional Testing Centre/ any other Reputed institute can be supplied on extra charges.

CALORIMETER VESSEL

The vessel is made up of copper and is Chromium plated. It includes a Bomb support that ensures proper positioning of Bomb in the vessel.

WATER JACKET

The outer container of Jacket is made up of copper and is chromium plated both inside and outside or S.S. The top is closed by a Bakelite cover. A terminal block is fitted on the top of the container so that Connections can be made from the firing control.

OFFSET STIRRER

The stirring mechanism supplied for effective stirring, while no impeller driven by a stirrer at a constant speed. The offset arrangement whereby the motor drives the impeller via belt precludes any possibility of heat tranference between motor and calorimeter Vessel contents.

ELECTRONIC FIRING UNIT WITH DIGITAL BECKMANN THERMOMETER

The unit incorporates a Digital Beckmann Thermometer for the precise measurement of the Rise in temp. and an electronic circuitry that provides an electrical means for firing the samples. Socket for stirrer & terminals for fuse wire are also provided at the back side of the unit.

CRUCIBLE

Various types of crucible are available but the standard supplied with the outfit being a stainless steel crucible of 8 ml. capacity which fits in the standard support ring provided with the outfit.

We also manufacture :

* Infra Red Moisture Balance, Polarimeters * Abbe Refractometer * Pocket Refractometer B & S Type 0.05% & 40-85% * Oil & Sugar Refractometer * Carbon & Sulphur Determination Apparatus * Ultra Violet Cabinets * Freeze-Dryers, * Paint Testing Equipments i.e., Digital Stomper Viscometer, Digital Gloss Meter, Impact testers, Scratch testers etc. * Oil testing instruments * Abbe Refractometer Improved Model RSR-2 etc.



Contact Us

R.P. SINGH -7840088951

Email-cesindia1@gmail.com, cesindia@ymail.com

<http://www.cesindia.co.in>



Purifying your tomorrow