

ICE FLAKING MACHINE



An ISO 9001-2015 Certified Company

MODEL : MIF

SALIENT FEATURES

- Fully Automatic microprocessor control
- Stainless Steel construction
- Continuous Ice Flakes Output
- CFC free compressor
- Low water level indication
- Overload protection
- Noiseless operation
- Compact Design and low maintenance

TECHNICAL SPECIFICATIONS

MODEL	MIF - 30	MIF - 50	MIF - 100
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MODEL : MIF-100

BOMB CALORIMETER (DIGITAL)

MODEL : MBC - 30

'METREX' Bomb Calorimeter provides a simple and inexpensive method for determination of heat of combustion of organic matter and the calorific value & sulphur content of solid & liquid fuel. The outfit supplied is complete for analysis as per the method recommended by British Standard Institution BS 1016.

TESTING OF BOMB

In accordance with the requirement of the Institute of Petroleum, a works certificate is issued with each Bomb. This certificate gives the results of hydraulic testing under a pressure of 300 atmospheres (4400 psi) maintained for a period of ten minutes without any sign of leakage.

CALORIMETER VESSEL

The vessel is made up of copper and is Chromium plated or S.S. It includes a Bomb support.

WATER JACKET

The outer container of Jacket is made up of Stainless Steel. The top is closed by the backlite cover called combined lid.

OFFSET STIRRER

The stirring mechanism supplied gives sufficient turbulence for effective stirring. It consists of an impeller stirrer driven at a constant speed of approximately 800 rpm.

ELECTRONIC FIRING UNIT WITH DIGITAL BECKMANN THERMOMETER

The unit incorporates a digital beckmann thermometer for the precise measurement of the rise in temperature and electronic circuitry that provides the electrical means for firing the samples.

CRUCIBLE : A Stainless Steel crucible of 8 ml. capacity which fits in the standard support ring provided with the outfit.



MODEL : MBC-30

AUTOMATIC BOMB CALORIMETER

MODEL : MBC - 30A

SAME AS MBC-30, BUT WITH MICROPROCESSOR AUTOMATIC FIRING & CONTROL UNIT

- 128x64 graphical LCD Display
- 20 Keys Keypad
- Temperature Resolution : 0.01°C
- 1000 logs internal memory with date and time
- In built Thermal Printer for printout
- USB interface for sending data to PC.
- Real time clock with battery backup.
- Automatic measurement & mathematical calculation of calorific value & water equivalent.

