



# **EIE INSTRUMENTS PVT. LTD.**

(An ISO 9001 : 2008 Certified Company)

**A Catalog on**

*1<sup>st</sup> Time In India*





**DIGITAL BOMB CALORIMETER**  
Fully Automatic

## FEATURES

## OUR B.CALORIMETER

## OLD TYPE IN MARKET

Automatic calculation of CALORIFIC VALUE / WATER EQUIVALENT	Yes, you do not need to do anything, <b>everything</b> is done <b>automatically</b> for you.	No, Not at All. <b>You</b> need to do all calculations <b>manually</b> , yourself
Microprocessor Based	Yes, with Highly <b>advance</b> Microprocessor	No
In-Built Printer	Yes, Proper <b>test report</b> is printed on "In-built" <b>Printer</b> , after every test	No, Not at All. You need to <b>note down</b> the temperature on paper
Report Parameters	You get <b>proper report</b> with a. Type of test b. Maximum Temperature c. Mass of Tablet d. Calorific Value e. Date & Time	No, Not at All. you <b>don't get</b> anything.
Peak Temperature Detection	Yes, this <b>system</b> will <b>detect</b> the peak temperature attained	No, <b>You</b> need no <b>decide</b> the peak value
User Time Devotion	<b>Very Less.</b> You need to fire Once, & you can then do other work, after the temperature reaches peak value the system will itself calculate the result for you, & will give alarm, thus <b>saving</b> lot of <b>time</b> .	<b>Huge time</b> devotion required. You need to sit full time near the system & after <b>wasting</b> lot of <b>time</b> then also you need to do the calculations yourself.
Display	LCD, Alpha-numeric. Highly User Friendly <b>Displays</b> Messages 16x2 = <b>32 Characters &amp; Numbers</b>	Old Led Type, Only numeric Non-User friendly Cannot <b>display</b> Messages Only <b>3 or 4 'Numbers'</b>
Keypad	Full <b>16 Keys</b> Pad. Complete Set of keys for proper User-Machine Interaction.	<b>No-Keypad</b>
Real Time Clock	Yes	<b>No</b>
Computer Interface	Yes, For <b>Data-Logger</b> Transfer, Storage & Reports generation.	No, <b>Not</b> possible
Your Company LOGO & Name	Yes, both on LCD Display as well as on printout report.	No
Look Out	This is what we give you 	Old market type 



*“In order to be irreplaceable, one,  
must always be different - Coco Chanel”*

\*Patent Pending

Printout Report Format

COMPANY NAME & LOGO

TYPE OF TEST :- SAMPLE TEST

MAX. TEMPERATURE RISE

MASS OF TABLET

WATER EQUIVALENT

FINAL CALCULATED CALORIFIC VALUE

DATE & TIME OF TEST



**DIRECT RESULT**  
**24/7 SUPPORT**  
**USER FRIENDLY**

Our Bomb Calorimeters are widely used for determining gross calorific values of liquid and solid samples, AUTOMATICALLY. User Doesn't need to make any manual calculations, all calculations are done automatically by the system itself & then are Automatically Displayed, Printed & Transferred to PC.

All the Process is done by highly intelligent microprocessor program. We use special imported calibrators for proper calibration of the System.

The controllers are specially designed & manufactured to achieve best possible measuring accuracy desired by the user.

- ★ Micro-Processor Based
- ★ Automatic measurement and calculation of CALORIFIC VALUE / WATER EQUIVALENT
- ★ Big JUMBO LCD Display (BLUE)
- ★ In-built Printer
- ★ 16 soft-touch Keypad
- ★ Weight of tablet feedable.
- ★ Water equivalent feedable.
- ★ Full test report printout with date and time & company name.
- ★ Temperature scanning resolution of 0.01°C.
- ★ Alarm on Firing & after the test completes.
- ★ Sensor open detection.
- ★ Fuse wire open detection.
- ★ No paper or printer door open detection.
- ★ User interaction messages on LCD
- ★ Type of test Selectable
- ★ Memory storage for data.
- ★ Real Time Clock
- ★ Internal Data Logger with Computer Interface
- ★ PC Software for Data Record
- ★ Your Company LOGO & Name on LCD & Print-Out
- ★ Soft Power-On for Full System

## Our Valuable Clients

## Also Manufacturer of Testing Instruments for

- |                       |                          |
|-----------------------|--------------------------|
| • Bitumen Testing     | • AAC Block Testing      |
| • Asphalt Testing     | • Brick Testing          |
| • Metal Testing       | • Tile & Ceramic Testing |
| • Aggregate Testing   | • Pharmaceutical Testing |
| • Plastic Testing     | • Soil Testing           |
| • Geo Textile Testing | • General Lab.           |
| • Paver Block Testing | • Yarn Testing           |
| • Petroleum Testing   | • Coal Testing           |



Service provided by:

**EIE INSTRUMENTS PVT. LTD.**

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