

# **BOMBAY ENGINEERING COMPANY**

Manufacture and repair of  
Electronic Digital Temp. Meters,  
R.H. Meters, Feed side Indicators,  
Impellers, Thermocouple, RTD,  
Compensating Cables, Bellows  
& Spares for VFBD

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## **FEED SIDE INDICATOR FOR VFBD**

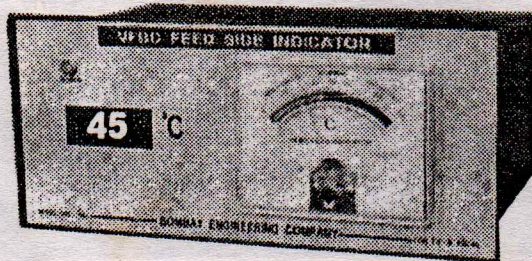
Feed Side Indicator enables the feed operator to control uniform feeding of fermented tea into The VFBD, for optimum capacity output and fuel efficiency.

### **Under Feeding Causes**

- Low tea output
- High Fuel Consumption
- Case havending of over fired tea

### **Over Feeding Causes**

- Stagnation of tea at feed end.
- May Cause Cake Formation
- Under fired tea at output end.



### **Features**

- ★ Dual temperature display. Analog and Digital
- ★ Colour band indication of feed zone temperature.
- ★ Resolution of 1°C on both analog and digital readouts.
- ★ Rugged & sturdy design for continuous operation.
- ★ Designed for operation in dusty & humid factory environment.

### **Technical Specification :-**

|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| Sensor input        | : Iron Constantan (Fe-K) Thermocouple.                       |
| Display range       | : 0 <sup>0</sup> - 100 <sup>0</sup> C (Digital & Analog)     |
| Display type        | : 1/2" High Red FND, (Digital)                               |
|                     | : 1 mA FSD moving coil meter (Analog)                        |
| Accuracy            | : ±1% FSD.                                                   |
| Power supply        | : 220 volt AC ± 10%, 50 Hz.                                  |
| Operating condition | : 0 <sup>0</sup> - 50 <sup>0</sup> C, 95% RH non-condensing. |
| Dimension           | : 256 x 100 x 190 mm. (Bazel size - 272 x 125 mm).           |
| Weight              | : 2 1/2 Kgs.                                                 |

**Connection** : Connect Yellow & Blue lead wires of the compensating cable to the red & black knobs on the back panel  
: Provide 220 volts AC power supply to the terminals marked on the back panel.

**Installation** : Instrument should be installed on a vibration free surface and should be clearly visible to the feed operator. The meter easily fits in existing mounting boxes of old VFBD's. Mounting boxes if required may also be supplied (optional).