



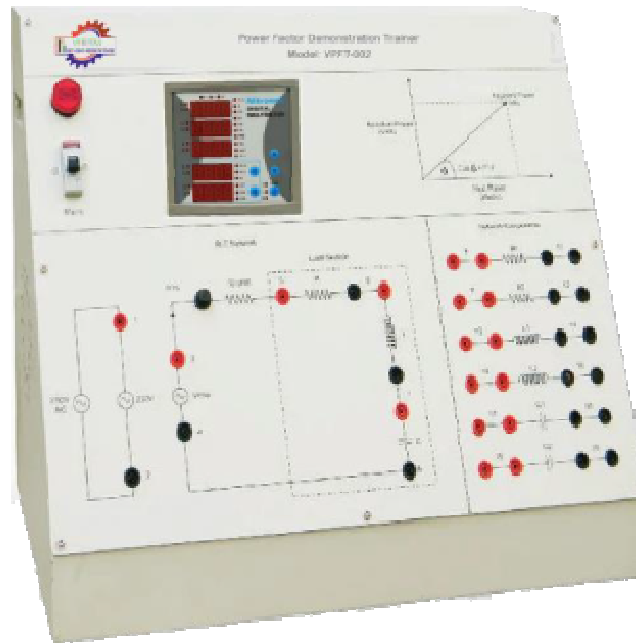
# **VERITAS Engineering**

Catalog  
Of

**Power Factor Improvement (PFI)**  
**Demonstration Trainer**

**Brand: VERITAS**

**Model: VPFT-002**



**Picture : PFI Trainer**

## Technical Specification

**Auxiliary Power Supply:** 230VAC/50Hz  $\pm 10\%$

**Resistance:**

1. 500E/400W
2. 200E/400W

**Capacitor:**

1. 12.5 $\mu$ F 440/450V
2. 20 $\mu$ F 440/450V

**Inductor:** 200mH/1A

**MCB:** 2A

**Panel Type Multifunctional Meter:**

Measures Voltage, Current, Active Power, Apparent Power, Reactive Power

**Measurement of Power Factor at**

1. Resistive(R) Load,
  2. Resistive and Inductive (R-L) Load,
  3. Resistive and Capacitive (R-C) Load &
  4. Resistive, Inductive and Capacitive (R-L-C) Load.
- Analysis and improvement of Power Factor of RL network through Capacitor
  - Analysis and improvement of Power Factor of RC network through Inductor.
  - Analysis and improvement of Power Factor of RLC network through Inductor.