

# Potential Transformer Burden



**MODEL PB - 2016**

The Potential/Voltage Transformer Burdens are designed for loading instrument voltage transformers during accuracy tests. Burdens are designed to conform with IEC 61869 specifications. Burden Power Factor is maintained at 0.8 over the range of 2.5 to 232.5VA & 10VA to 1VA@ 1.0PF.

Burden elements are arranged in binary sequence & can be connected to the transformer in any combination. Large number of possible burden values are provided in this manner.

## General Specifications :

1. Individual Burden Element Rating : 10, 5, 2.5, 1.25, 1VA @ 1.0 PF  
100, 50, 40, 25, 10, 5, 2.5 @0.8 PF
2. Maximum Burden at 0.8 Power Factor : 232.5 VA in steps of 2.5 VA
3. Rated Input Voltage : 110 V or 100 V or 63.5 V or 57.7V
4. Voltage Operating Range : 5% to 200% of rated Voltage
5. Accuracy :  $\pm 3\%$  of VA at 80 - 120% of rated Voltage  
 $\pm 5\%$  of VA below 80% of rated Voltage  
 $\pm 3\%$  of PF at 0.8 PF &  $\pm 1$  of 1.0PF
6. Approx Weight : 15 kg
7. Dimensions : 483mm x 365mm x 178mm (LxBxH)

Note : Burdens for ANSI specification and any Special Burdens can be supplied on request.

## OTHER PRODUCTS

- Manual & Automatic Transformer Ratio Meters.
- Digital Micro Ohm Meters with built in 100Amp source.
- Manual & Automatic Transformer Winding Resistance & On Load Tap Changer Test sets.
- Automatic CT/VT Test Sets & Systems.
- Automatic 12 kV & 5 kV Capacitance & Tan Delta Test Sets.
- Relaying Current Transformer Analyser.



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Etel Industries, established in 1983, is a market leader in the development and manufacturing of test instruments for electrical power industries and utilities. We are pleased to announce the NABL-accreditation of the Etel Industries Calibration Laboratory (including on-site calibrations) in electro-technical discipline in accordance to ISO/IEC:17025/2005.

An ISO 9001 -2008 Certified Company

(Specifications subject to change without notice)