

3PHASE PHANTOM LOADING KIT

Technical Specification:

Type	: Step Type
Model No.	: Model No.: SR-FPF-320/10-3P
Input	: 415V AC \pm 10%, 50Hz, 3P 4W or 3P 3W
Capacity	: 450VA in Total
Application	: To test and calibrate 3P 4W, 3P 3W and 1P 2W Active, Reactive, and Apparent Power Energy Meter, Voltmeter, Ammeter, PF Meter.
Salient Feature	: <ol style="list-style-type: none">1. Variable 3P Output Voltage (0 – 320V AC, P-N).2. Variable 3P Output Current (0 – 10.0A AC per Phase).3. Phase Angle in steps as follows in all 3 phases at a time.<ol style="list-style-type: none">1. 0° : Unity PF2. 30° : 0.866 PF(LAG),3. 330° : 0.866 PF(LEAD),4. 60° : 0.5 PF(LAG),5. 300° : 0.5 PF(LEAD),6. 90° : Zero PF(LAG)4. Voltage Selection (110V AC / 220VAC(P-N) with Off)5. Current Selection (1A AC /5A AC per Phase with Off)6. Current Forward / Reverse Selection

Voltage Output:

Voltage Range	: 0 – 320V AC per Phase (P-N)
Range Selection	: 110V / 220V / Off
110V Range	: 0 – 150V AC
220V Range	: 0 – 320V AC
Burden	: 100VA per phase
Volt Adjustment	: By a manual Variac in each phase

Current Output:

Current Range : 0 – 10V AC per Phase
Range Selection : 1.0A / 10.0A /Off
1.0A Range : 0 – 1.5A AC
5.0A Range : 0 – 10.0A AC
Burden : 50VA per phase
Amp Adjustment : By a manual Variac in each phase

Power Factor : Following Power Factors can be selected by using a Selector Switch.

1. 0° : Unity PF
2. 30° : 0.866 PF (LAG)
3. 330° : 0.866 PF (LEAD)
4. 60° : 0.5 PF (LAG)
5. 300° : 0.5 PF (LEAD)
6. 90° : Zero PF (LAG)

Forward / Reverse : Forward / Reverse selection Switch is provided for Output Currents.

Protection : Glass Fuse is provided for Input Power, Voltage Outputs And Current Outputs.

Meter : 1 No. Multi Function Meter is provided for the indications of 3P Voltages, 3P Currents, Power Factor and Phase Angle.

Terminals : For 3P Voltage Outputs R, Y, B, N terminals are provided. For 3P Current Outputs R1-R2, Y1-Y2, B1-B2 terminals are provided.

Input Cable : Suitable 4 Core (2mts) input power cable of suitable size will be provided.

Output Cable : Not in our scope of supply.

Enclosure : Two types of enclosures will be provided.

1. Table Top Model
2. Portable Type (Box Type)

Customer should mention the type while ordering.

Test Certificate : In-house Test Certificate will be provided along with Kit.

Guarantee : Guarantee Certificate for 12 Months from the date of Supply will be provided along with Kit.

Manual : Detailed instruction manual will be supplied along with Kit.

Spares : One set of spare fuses will be supplied along with Kit.