



## Primary Injection Set 600XT

The Primary Current Injection Set PIS-600XT is a high current supply unit, which is very easy to move about because of its convenient modular design. The primary injection set PIS-600XT is a compact instrument with a built-in ammeter, which meets the stringent requirements for accuracy, easy handling and performance.

### Features:

- Primary testing of protective relay equipment.
- Turn ratio testing of current transformer.
- Testing Switchgear/Control gear.
- Commissioning tests that need a variable current.



PIS-600XT comprises of a variac and a loading transformer with suitable terminals and metering, housed in painted M.S. Box, which is easily transportable.

### Technical Specification

**Supply Voltage:** 230 V AC  $\pm$  10%, 50 Hz.

**Current Output:** 0-600 Amps(short time). Continuously variable.  
No load voltage – 10 V.

**Duty Cycle:**  
600 A for 20 Seconds.  
500 A for 40 Seconds.  
400 A for 1.5 min.  
300 A for 3 min  
200 A for 6 min.  
100 A continuous.

**Ammeter:** Digital, 3 1/2 dig., 96 x 48 mm, Range : 0-600 A,  
True RMS, Accuracy  $\pm$  1.0%  
Display – LED

**Timer:** Digital, 4 dig., Auto-ranging,  
0.0001-9999 seconds. Accuracy – 0.05% + 1  
Display – LED

**Housing:** The set is housed in a powder coated MS cabinet.

**Dimensions/Weight:** 20" x 14" x 10" approx./30 kgs approx.

- Accessories (Optional):**
1. Output cable pair of 600 A capacity, 5 mts. Each with suitable lugs at both ends for connections to terminals or clamps.
  2. Adjustable C-clamps to fix to bus bars, CT's and breakers.