



PRIMARY CURRENT INJECTION TEST SYSTEM

Utility • Oil & Gas • Industrial



PT SERIES

Portable Single Phase Primary Current Injection Test Set
with Built-in Timer & Current Monitor

PRIMARY CURRENT INJECTION TEST SYSTEM - PT Series

PT 1000 / PT 2000 / PT 3000

The **PT Series** has been designed specifically for primary injection testing of circuit breakers, protective relay equipment & other applications that require high variable currents.

This test equipment is intended for use in high voltage substations & industrial environments.

TECHNICAL SPECIFICATION

To ensure the continuous safety of the operator & equipment, the following measures are implemented in all our PT Series equipments:-

- Control unit is rated at 4kVA -7.5kVA depending on PT Series model
- Circuit Breaker & ELCBs have been incorporated into the Control Unit
- All PT Series exterior frames are adequately grounded.

AC current output (Continuously adjustable)

PT Model	Full-Load Current	Duty Cycle (ON circuit / OFF circuit)
PT 1000	0 - 300 A	Continuous
	500 A	15 min / 15 min
	1,000 A	3 min / 15 min
PT 2000	0 – 600 A	Continuous
	1,500 A	15 min / 15 min
	2,000 A	3 min / 15 min
PT 3000	0 – 800 A	Continuous
	1,500 A	15 min / 15 min
	2,000 A	5 min / 15 min
	3,000 A	1 min / 15 min

* Maximum current output and test times vary according to the condition of the connection cables. Ensure a suitable connection between the cables and equipment to avoid overheating. The following test times should only serve as a general guide during operation.



Timer – LED Display

Range	0.00 s – 9999.99 s
Accuracy	0.01 s
Max. Test Time	9999.99 s
Functions	ON OFF ON + Timer Start
* Normally Close & Normally Open dry contacts available for triggering.	

Measured Quantity – LED Display

AC Current	
Range	0 – 3,000 A *
Accuracy : ± 1.0% of metering (True RMS measurement)	
* Depending on model	

Supply Voltage

220 – 260 V AC
50/60 Hz

Weight & Dimensions

	Control Unit	Current Unit		
		PT1000	PT2000	PT3000
Weight (Kg)	30Kg	12Kg	13Kg	15Kg
Dimensions (cm)	22(H)x65(W)x45(D)	25(H)x20(W)x10(D)	30(H)x20(W)x10(D)	30(H)x23(W)x12(D)

Weight of current connector cables may vary between 10-15 Kg depending on model

Others

Operating Temperature	0 to +55°C
Storage Temperature	-40 to +70°C

* Due to continuing development and improvements, specifications are subject to change without prior notice.

Accessories Included

Each PT Series is supplied with the following accessories:

- Mains Cable
- Multi-cable high current cable set
- Operation Manual
- 1 year warranty

ASIA PACIFIC OFFICE

AGM Power Engineering (Co. No. 001400906-K)
No. 30-3-2, Jalan 2/101C, Cheras Business Centre,
56100 Cheras, Wilayah Persekutuan, Kuala Lumpur,
MALAYSIA

Tel: +603 9132 8542 / 9130 9031
Fax: +603 9132 8500

E-mail: agmpower@streamyx.com

