



# RPT – I Secondary Injection Tester



**Note :**  
Due to keeping innovation,  
the specification and  
Machine pictures or color  
are subject to alteration  
without notice!

## Application

It is applied to test protection replay based on voltage and voltage and current operation. The main function of the tester is the calibration of voltage and current operation relays, secondary circuit inspection, trip value of circuit breaker test, switch on and off time measurement of circuit breaker and so on. It's a low cost, simple operation and reliable performance device for secondary circuit test

## Technical Specification

|                                                                                                      |                                                                   |                                                  |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|
| DC voltage output                                                                                    | 0-350(V) continuity                                               | Maximum capacity output: 960VA                   |
| AC voltage output                                                                                    | 0-350(V) continuity                                               | Maximum capacity output: 400VA                   |
| DC current output                                                                                    | 0-10A continuity                                                  | Maximum capacity output: 80VA                    |
| AC current output                                                                                    | 0-10A (at maximum voltage 40V)<br>0-100A (at maximum voltage 14V) | Capacity: 1000VA, continuity output<br>time ≤35s |
| AC voltage circuit short connection<br>simulation                                                    | Voltage output settings ≤120V                                     | Range 15% ~ 80%                                  |
| DC constant voltage alternating<br>output (can be used as operating<br>power source of static relay) | Output voltage: 24V, 48V, 110V,<br>220V                           | Output current 0.4A                              |
| Tester overload protection                                                                           | DC/AC voltage output circuit                                      | 5A fuse                                          |
|                                                                                                      | DC constant voltage output circuit                                | 0.5A fuse                                        |
|                                                                                                      | 6A fuse for tester power supply                                   |                                                  |
| Digital timer: 0.000~9999s                                                                           | Error: mantissa±2 digit                                           |                                                  |