



Unit 111, Dunston Innovation Centre
 Chesterfield, S41 8NG, U.K.
 T e l : + 44 (0) 1246 452909
 F a x : + 44 (0) 1246 452942
 W e b : www.etps.co.uk
 Email : sales@etps.co.uk
 Sales : 0800 612 95 75

GT-7550

Precision Current Shunt

Description

The 7550 model has five precision ultra stable current shunts which range from 0.001 to 10 . The internal current meter measures from 1mA to 250A. The five selector switches, shunts, binding posts and the Internal 4½ digit AC/DC current meter display the respective shunt current. By adding an external DVM of 5½ digits or higher the resolution and current read back accuracy can be increased. This compact unit is built into a 19" x 2U x 325mm case. Retractable feet provide a good view angle when the 7550 is used on the desktop. If cabinet mounting is required a flange kit is optionally available.



- Temperature drift <10ppm/°C
- 4½ digit AC/DC current meter
- Built in over current protection
- 1µA - 250A current range
- High accuracy of 0.01%

Technical Data

Range	Shunt Value	DC Accuracy	AC Accuracy = 400Hz	Max Input DC/Acrms
200A	0.001	0.02%	0.1%	250A
20A	0.01	0.01%	0.1%	30A
2A	0.1	0.01%	0.1%	4A
200mA	1	0.01%	0.1%	400mA
20mA	10	0.01%	0.1%	40mA

All shunt types are 4 internal networks with calibration adjustments for each network. AC accuracy is limited to 100A.

4½ Digit Ammeter

Range	Resolution (Auto Range)	DC Accuracy	AC Accuracy 50 - 400Hz
200A	0.01/0.1A	0.05% of reading + 2 counts	0.5% of reading + 20 counts For sinewave input = 1800 count
20A	0.001/0.01A		
2A	0.1/1mA		
200mA	0.01/0.1mA		
20mA	0.001/0.01mA		

*For sinewave input = 1800 count

Options Table

Code	Description
/0001.....	19" rack mount kit
/0002.....	1 metre 250A cable set

Every effort is made to ensure that the information provided within this technical summary is accurate. However, ET must reserve the right to make changes to the published specifications without prior notice. Where certain operating parameters are critical for your application we advise that they be confirmed at the time of order. ET specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. Please note that your actual unit may differ from those shown.