GPS LTD.

GPS

8055C

A high performance 5 ½ digit dual-display digital multimeter featuring a number of powerful math and statistical functions

Researchers, designers, and production test engineers can make a wide range of measurements including DC and AC volts, DC and AC current, two- and four wire Ohms, continuity, frequency, period, RTD, thermistor, and thermocouple temperatures, diode functionality, and capacitance.

The bench-top multimeter has a very sophisticated and easy to use interface and provides plenty of functions for all measurement tasks. The use of the menu navigation is very intuitive and the device will provide precise results in all of its application areas. Whether you need a basic DMM for a student lab or a fast or accurate DMM for component, module, or assembled product, production testing, the GPS-8055C has all bases covered.

Key Features

- Up to 150rdgs/s measurement speed

- 1Gb Nand Flash total capacity

- Built-in thermocouple cold junction compensation, supports dual-display operation

- Built-in help system to facilitate information acquisition and document management

- Extensive math functions and reading displays

- Supports remote command and control, compatible with mainstream multimeter command scripts and comes standard with PC software EASYSDM©

- 4.3 inch (480 * 272) true color TFT-LCD large screen display and comes configured for a variety communication interfaces

Ideal for

- Research and development laboratories
- Repair and maintenance
- Calibration labs
- Automatic production testing

www.gpslimited.com/8055C
For all enquiries, Tel: +44 (0) 208 964 3600
Email: info@gpslimited.com

Technical Specifications

Model	GPS-8055C
Measuring Range	
DCV	200mV ~ 1000V
DCI	200uA ~ 10A
OHM(R)	200 ~ 100M
ACV	200mV ~ 750V
ACI	20mA ~ 10A
CAP	2nF ~ 10000uF
FREQ/PERI	20Hz ~ 1MHz
Accuracy	
DCV	0.015+ 0.003
DCI	0.055+ 0.005
OHM(R)	0.020+ 0.003
ACV	0.2 + 0.05
ACI	0.50 + 0.10
CAP	1+0.5
FREQ/PERI	0.01+0.003

Standard Accessories
2 x test leads w/ alligator clips USB cable
EasySDM© software
Quick start guide
220V AC EU power cord (unit is 220V and 110V selectable)

Power
100~120 VAC, 400Hz
100-240V, 30/66Hz
20W Max

Interface
USB Device, USB Host, LAN

EMC
2004/108/EC Directive
Applicable Standard EN 61326-1:2013

Safety
Conforming to IEC61010-1:2010
CAT I/1000 V / CAT II/600 V
Pollution class: 2

Shock and Vibration
Conforming to MIL-T-28800E, Class III, Level 5

General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-8055C	High precision 5.5 Digit benchtop multimeter	420055

Dimensions
282 x 260 x 105mm / 11 x 10 x 4" (w x d x h) approx.

Mass
3.3kg/7lbs approx.

Operating
0°C ~ 50°C
80%RH, 40°C, 24hours
≤3000m

Services
1-year warranty (subject to product registration with GPS Ltd)

Visit www.gpslimited.com/register-product
Service and calibration available.

Please contact for more information

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Email: info@gpslimited.com