



BIN sorting



4 test frequencies



Portable and lightweight

GPS-3131B

An economical general-purpose benchtop LCR Meter used for incoming inspection of components and quality control. It is an ideal instrument when high accuracy and wide test frequency range is not required for the evaluation process. The instrument's convenient bin sorting function and frequency sweep function enables quick sorting and characterization of components.

- Parameters: L, C, R, |Z|, D, Q
- Testing frequency: 100Hz, 120Hz, 1kHz, 10kHz
- Signal Level: 0.3V, 1.0V
- Testing Speed: Fast & Slow (5 times/sec and 2 times/sec)
- Source Resistance: 30 Ohm & 100 Ohm
- Range: 6 ranges; manual or automatic
- Equivalent: serial and parallel
- Terminals: Five-terminal
- Accuracy: 0.25%

GPS-132A

This meter will accurately measure capacitors, inductors and resistors using the test frequencies of 120Hz and 1 kHz. The dual display will simultaneously display the associated quality factor, dissipation or resistance value using a series or parallel equivalent circuit. The included RS-232c PC interface feature with Data Acquisition permits the user to capture readings to a PC for data storage, viewing, printing, and exporting to spreadsheet for graphing and other data manipulation tasks. This meter is shipped fully tested and calibrated and, with proper use, will provide years of reliable service



PC connectivity



Dual display



Portable and lightweight



Backlight

- 20,000/10,000 count backlit display
- Simultaneously shows primary parameter (L, C, R) and secondary parameter (Q, D or R)
- Set high and low limits using absolute values or percentage limits
- Parallel or series equivalent circuit
- MAX/MIN/AVG mode
- Automatic power off (can be disabled)
- Automatic blown fuse indicator
- Built-in test fixture, or use external test leads
- Open and short zeroing to remove unwanted stray impedance
- Relative mode



Test freq.
up to
300kHz



0.05%
accuracy



LCD colour
display



PC
connectivity



Key lock



İLTEK TEKNOLOJİ LTD. ŞTİ.

**İLTEK Anayurt Güvenlik Sistemleri Savunma Teknolojileri
Bilişim ve Elektronik Ticaret Ltd.Şti.**

Tel: +90 312 440 42 85 Fax: +90 312 440 42 86

info@iltekteknoloji.com.tr / www.iltekteknoloji.com.tr

**Adres: Hilal Mah. 687 Sokak . Boyner Apt. No: 3/7
Çankaya / ANKARA / TURKEY**

GPS-313XB series

This series allows the user to evaluate LCR components, materials and semiconductor devices over a wide range of frequencies (10Hz to 300kHz) and test signal levels (0.01Vrms to 2Vrms). Every measurement taken with these meters are to the highest levels of precision with basic accuracy of 0.05%. This high precision makes it much easier to test components and ensure that they're correctly designed and working to the correct specifications. Built-in memory is also included, making it easy to sort out your testing data into files for easy processing. The tester can also be connected up to PC in order to download this information. All meters are equipped with a high quality TFT LCD true colour display which clearly shows all measurement parameters

GPS-3135B

- Selectable testing parameters: Cs-Rs, Cs-D, Cp-Rp, Cp-D, Lp-Rp, Lp-Q, Ls-Rs, Ls-Q, G-B, R-X, Z- θ rad and z- θ deg
- High accuracy measurements of 0.05%
- Frequency range of 50Hz to 100kHz
- Adjustable signal level from 0.01V to 2.0V (in 10mV steps)
- Integrated memory
- LCR automatic selection
- Keypad lock
- SCPI instruction set

GPS-3138B

- Multiple parameter selection: Cs-Rs, Cs-D, Cp-Rp, Cp-D, Lp-Rp, Lp-Q, LS-Rs, LS-Q, G-B, R-X, Z- θ rad, z- θ deg
- Frequency range of 50Hz to 200kHz
- 9 ranges with automatic and manual selection
- Integrated memory for easy documentation
- OPEN and SHORT correction
- Integrate into automated testing with the handler interface
- Key lock function

GPS-3139B

- OPEN and SHORT correction options
- Comparator function: organises components into 10 files with 14 bins: P1 - P9, Ng, AUX, HI, IN and LO
- RS232 connection to PC and integrated Handler interface
- Measure multiple parameters: Cs, Rs, Cs-D, Cp-Rp, Cp-D, Lp-Rp, Lp-Q, Ls-Rs, Ls-Q, Rs-Q, R-x, Z- θ rad, Z- θ deg
- High accuracy measurements: 0.05% \pm 5
- Frequency range from 10Hz to 300kHz caters for many different LCR components
- Automatic and manual range selection options