

PeakTech® 4096 PROD-ID: P 4096

BACK

Graphical Bench Multimeter ~ 200.000 Counts ~ with TFT, Datalogger, RS-232, LAN, USB

Newly developed precision bench multimeter with TFT graphics-display for high-resolution presentation of the measured values, curves, functional diagrams and many more, up to 150 measurements / second. This model is equipped with a variety of special features such as dual measurement of two different measurement functions, internal or external data logger, histogram, dB, pass/fail, thermal resistors or thermocouple - Measurements, curves, function graphs, average views or bar graphs. The versatile functions are complemented by True RMS measurements up to 100kHz. For control via software or via SCPI protocol, the model has USB-, RS-232 or a LAN interface for the network connection.

- 5 1/2 digits (200.000 counts) 4" TFT-Graphics Display (480x320 Pixels)
- Up to 150 measurements per second
- Datalogger for up to 1 Mio. points (internal) or 100 Mio. Points (external) / 5ms Intervall
- True RMS measurement up to 100 kHz -depending on meas. function
- Automatic and manual range selection,AVG-, MIN/MAX and relative- function
- Diode/continuity test and 2- or 3-wire Resistance-Temperature Detector (RTD) or Thermocouple measurement
- Temperature measurement compatible with: Type-B / E / J / K / N / R / S / T or PT100 / PT385
- Datalogger with internal storage (8 MB) or external USB-disc
- RS-232, LAN- network connection and USB interface
- Device-control and data acquisition via SCPI Protocol
- Safety: EN 61010-1; CAT I 1000 V / CAT II 600 V
- Accessories: power cable, Interface cable, CD-ROM, test-leads, temp. probe, and operation manual



MANUAL

- [PeakTech 4095_4096 Bench Multimeter Interface manual v1.1_03082017.pdf \(585.1 kB\)](#)
[PeakTech 4095_4096_DE_19062017.pdf \(2,205.4 kB\)](#)
[PeakTech 4095_4096_EN_28062017.pdf \(2,180.8 kB\)](#)

PICTURES

- [P4096_Anzeigen.jpg \(977.2 kB\)](#)
[P4096_Front_Freigestellt.jpg \(701.0 kB\)](#)
[P4096_R.jpg \(1,174.1 kB\)](#)
[P4096_Rear_Freigestellt.jpg \(430.2 kB\)](#)
[P4096_R_Freigestellt.jpg \(698.6 kB\)](#)

SOFTWARE

- [P4095_4096_Software.rar \(16,658.6 kB\)](#)

DCV	200mV/2/20/200/1000 V; $\pm 0,0015\% + 0.0005$
ACV	200 mV/2/20/200/750 V; $\pm 0,01\% + 0.005$
ACV- TRMS Frequency	20 Hz - 100 kHz
DCA	200µA/2/20/200 mA/2/10 A; $\pm 0,002\% + 0.001$
ACA	20/200mA/2/10 A; $\pm 0,015\% + 0.005$
ACA- TRMS Frequency	20 Hz - 10 kHz
Ohm	200 Ω/2/20/200 kΩ/2/10/100 MΩ; $\pm 0,0030\% + 0.0005$
Frequency	20 Hz ... 1 MHz $\pm 0,002\% + 0.001$
Capacitance	2/20/200/2000 nF/200/10000 µF; $\pm 0,02\% + 0.001$
Temperature	-200° C ... +660° C (RTD) ; $\pm 0.08\% + 0.002$ / -200° C ... +1372° C (Typ-K); $\pm 0,5^{\circ}$ C
Operation voltage	110 V/240 V; 50/60 Hz switchable
Dimension (WxHxD)	235 x 110 x 295 mm
Weight	3 kg
EAN-13	4250569404054

