



# MikroPrinc

elektronske komponente, alat, lezna i merna oprema

## PeakTech 3690

### "5 in 1" Digital-Multitester



This high-precision "5 in 1" Digital Multitester is designed to combine the environmental functions, like sound level measurement, light intensity, humidity and temperature measurement with the functions of a multimeter.

The LCD display provides two lines for measured values and backlight.

It is an ideal multifunction tool for professional and private use.

- 3 4/5-digit display, max 4000 counts
- The sound level function is suitable to measure sound levels in factories, schools, offices, airports, and for testing the acoustics of studios, auditoriums and hi-fi systems.
- The measurement of illuminance meters lighting conditions outdoors with full cosine at oblique incidence.
- The function of the humidity - and temperature measurement is to measure the ambient temperature - humidity, temperature, and the identification of objects.
- The digital multimeter can perform measurements of AC/DC voltage and current, resistance, frequency, duty cycle, capacitance, continuity and diode test.
- overload protection in all areas
- Data Hold
- automatic and manual range selection
- relative value measurement function
- auto power off and low battery indication
- safety: EN 61010-1; CAT III 600V

accessories: test leads, temperature probe, carrying case, batteries and manual

DCV	400mV/4/40/400/600V; 0,1mV; +/-1,0% + 4 dgt.
ACV	400mV/4/40/400/600V; 0,1mV; +/-1,0% + 4 dgt. frequency range: 50 ... 400Hz
DCA	400/4000μA/40/400mA/10A; 0,1μA; +/-1,0% + 2 dgt.
AC	400/4000μA/40/400mA/10A; 0,1μA; +/-1,2% + 2 dgt. frequency range: 50 ... 400Hz
Ohm	400Ω /4/40/400kΩ/4/40MΩ; 0,1 Ω; +/-1,5% + 2 dgt.
capacitance	50/500nF/5/50/100μF; 10pF; +/-3,0% + 5 dgt.
frequency	5/50/500Hz/5/50/500kHz/10MHz; 1mHz; +/-1,2% + 3 dgt.
relative humidity	33%RH ... 99%RH; 1° RH; +/-3% + 5%RH
room temperature	0°C ... 50°C; 0,1°C; +/-3% + 3°C
type-K temperature	-20 ... +1300°C; 0,1°C; +/-3% + 3°C
illuminance	4000/40000 Lux; +/-5% + 10 dgt.
sound level	35 - 100dB (30Hz - 10kHz) with C-weighting; +/-5dB at 94dB
operating voltage	9V battery
dimensions (WxHxD)	78 x 170 x 48 mm
weight	335g