

# PeakTech® 4955

PROD-ID: P 4955

## Professional "5 in 1"

### Environment Video Meter ~ -50 ... +2200°C ~ 50:1

Professional Infrared-Video Thermometer with Dual-Laser for exact determination of the target for fast, accurate and non-contact surface temperature measurements. The unit is provided with an additional type-K input for differential and contact measurement. With the built-in photo function, the display can show the measured object with displayed temperature and other data, such as humidity and dew point temperature, which is possible to save in internal memory or on an inserted MicroSD card. The integrated datalogger stores all measurements, which can be edited and evaluated with the PC. Ideal for the documentation of important measurement data in the industrial area, electrical engineering, maintenance and service operations, quality control, construction industry and energy-saving consultation.



- 5,6 cm (2,2") colour TFT-LCD display with a resolution of 640 x 480 pixel
- graphical menu settings
- infrared-, typ-K-, humidity-, air-temperature-, dew point and wet bulb temperature measurement
- optical resolution 50 : 1
- adjustable emissivity factor 0,1 ... 1,0
- fast response time and high accuracy
- record photos (JPG) and videos (3GP-intern)
- datalogger for all measurement functions
- internal memory and MicroSD Slot
- USB-interface for data transfer and battery charging
- safety: IEC-0825, class 2
- accessories: case, AC-adaptor, USB-cable, type-K-thermocouple, Li-Ion battery, MicroSD-card 2 GB, tripod and manual.



display	5,6 cm / 2,2" colour-TFT-Display; resolutions 640 x 480 pixel
range (IR)	-50 ... +2200 °C (-58 ... +3992 °F); 0,1 °C/°F
accuracy	+/- 1,0 % + 1,0 °C / 1,8 °F
optical resolution	50 : 1
emissivity	0,1 ~ 1,0 adjustable
laser class	Dual-Laser; class 2; output < 1 mW; wave length: 630-670 nm
range (Typ-K)	-50 ... +1370 °C (-58 ... +2498 °F); 0,1 °C/°F
accuracy	+/- 1,5 % + 1,5 °C / 2,5 °F
air temperature	0 ... +50 °C (32 ... 122 °F); +/- 0,5 °C/°F
dew point temperature	0 ... +50 °C (32 ... 122 °F); +/- 0,5 °C/°F
relative humidity	0 ... 100 % RH; +/- 3 % RH
power supply	3,7 V / 1400 mAh Lithium-Ion-Akku; AC-Adapter 100 - 240 V; 50/60 Hz; 5 V / 1 A
dimensions (WxHxD)	62 x 205 x 155 mm
weight	410 g