

# Testboy TV 292

## Basic IR Thermal imager

The thermal imager TV 292 can be universally used. The TV 292 closes the gap between IR-Thermometer and the IR-Thermal imager. It provides you the advantages from the thermal imaging technology by detection of temperature problems, that can't be found with the typical IR-Thermometers.

### How you benefit

- | Digital camera for image overlay
- | Integrated color display
- | Easy handling
- | Universally application
- | Robust and reliable

### Areas of application

- | Preventive servicing
- | Leak detection and localization of heating pipes
- | Process monitoring
- | Thermal control of electrical distributions

## SPECIFICATIONS

### Imaging performance

	Testboy TV 292
Resolution	60 x 60 Pixel
Temperature resolution (NETD)	0,15 °C / 0,27 °F
Field of view (FOV) / Min. Focus distance	20° x 20° / 0,5 m fix
Sensor data capture	6 Hz
Spectral range	8-14 µm
LC display	2,5" Color-LCD
CCD camera	300.000 Pixel
Temperature range	-20-300 °C / -4-572 °F
Accuracy	±2 °C or ±2 % (the greater value applies)
Emissivity correction	Variable from 0,1 to 1,0 (in 0,01 increments)
Color palettes	6 (Iron Bow, Rainbow, Rainbow High Contrast, Grayscale (White Hot) and Grayscale (Black Hot))
Image representation	Superimposing from the visual image with the IR-Image, can be set in 25% steps between the complete IR-Image and the pure visual representation.
Other settings	Date, time, temperature unit
Storage medium	MicroSD-Card
Data format	BMP
Voltage supply	4x 1,5 V AA Batteries
Energy-saving function	Auto-Power-Off after 12 min.
Operating temperature	-5-40 °C / 23-104 °F
Humidity	≤90 % non-condensing
Storage temperature	-20-55 °C / -4-131 °F
Dimensions	215 x 92 x 61 mm
Weight	320 g
Scope of delivery	Transportation case and Batteries

