



Meditherm IRIS 450



PRODUCT DESCRIPTION

A Medical Grade Digital Infrared Thermal Imaging system specifically designed and calibrated for optimal use in clinical applications.

BENEFITS

Meditherm supports an extensive network of doctors and technicians worldwide with a unique, end-to-end service.



Advanced detector core technology



Suitable for any clinic environment



Maintenance free with no consumables



Good bottom line profits with minimal investment

FEATURES

Detector: FPA, uncooled (17 μm x 17 μm)
Spectral range: 8 - 14 μm
Optical resolution (IR): 380 x 280 pixels
Frame rate: 5Hz up to 80 Hz

Thermal sensitivity: 40mK with 29° x 22°, 40mK with 53° x 38°, 40mK with 80° x 54°
Temperature measurement sensitivity (NETD): 0.01°C

RSS Accuracy: Absolute temperature - $\pm 2^\circ\text{C}$ or $\pm 2\%$

Medical Calibration Accuracy between 20° - 30°: $< 0.2^\circ\text{C}$. Comparative measurement sensitivity $\Delta T - 0.01^\circ\text{C}$

Auto ambient correction: Standard default continuous/software controllable

Optics: 29° x 22°, 12.7mm or 53° x 38°, 7.7mm or 80° x 54°, 7mm

Temperature range in medical specification 17°C to 38°C (scalable via software)

Ambient temperature: 0°C to 50°C

Storage temperature: -40°C to 70°C

PC interface: USB 2.0 or 3.0

Shock/vibration: 25G, IEC 68-2-29/2G, IEC 68-2-6

Power Supply: USB Powered PC, Laptop or Tablet running Windows

Relative humidity: 20 - 80%, non condensing

Additional: WinTES3 camera control and software.

Optional rechargeable power supply (back-up laptop or tablet)

For further details contact sales@meditherm.com

Enclosure size: 55mm x 150mm x 250mm
Weight: 1020g (2lb 4oz)

