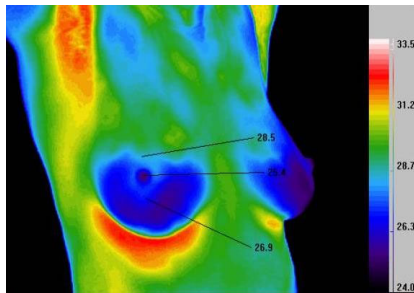
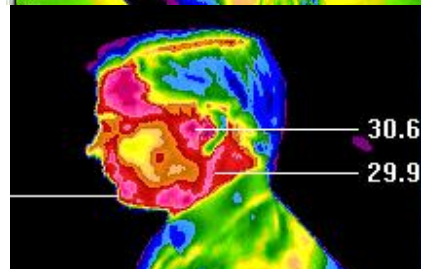
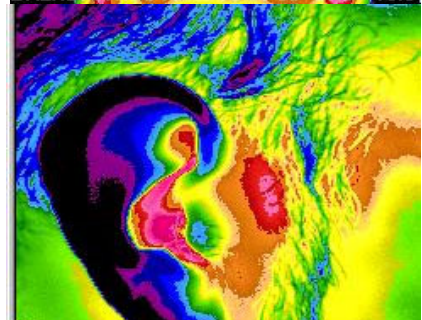
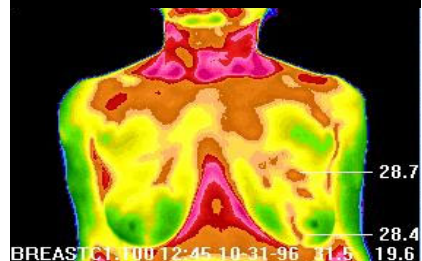
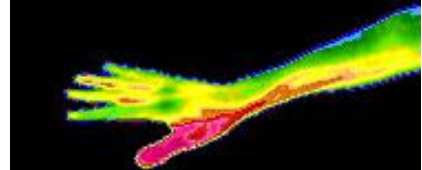
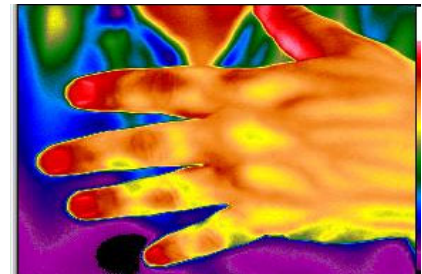
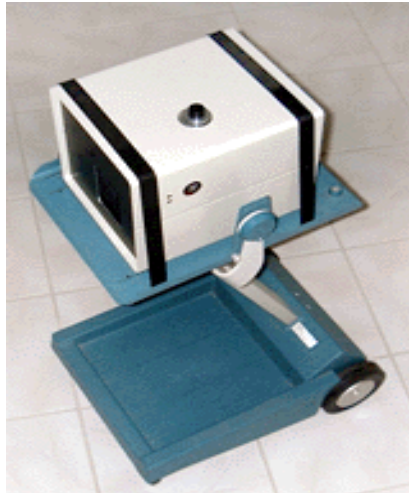


TG1026 Medical Thermal Imaging Camera

High performance medical use infrared camera



- Very low noise (ca. 0.05 K NEDT)
- Very simple to use
- Advanced palette control
- Extremely rugged but simple design
- Ultra stable cooling system (nitrogen)
- All reflecting optic design
- PC driven



IMAGING PERFORMANCE

Field of view at focus distance

28° x 20° or focused field of view divided by 280 x 200 pixels

Spatial resolution (IFOV)

2 mm at a distance of 1 meter

Thermal sensitivity

~0.05°C at 30°Cv

Image frequency

Single frame image capture

Focus

Manual

Electronic zoom function

Multiple levels of 2x

Detector type

Single element MCT detector

Spectral range

7.5 to 13µm

Digital image enhancement

Standard

IMAGE PRESENTATION

Video output

Windows XP display software

Multiple images

Up to 9 images per window

MEASUREMENT

Temperature range

Room to +50 °C

Accuracy

~ ±1°C, ±2% of reading

Measurement mode

Profile, specified delta T per color bar

Spot/manual (up to 20 movable)

Isotherm (2), line and bar graphs

0.95 for human imaging (variable)

Emissivity correction

IMAGE STORAGE

Type

Tagged bmp files

File formats

tag compressed 12 bit at 64 kb/image

In built text annotation of images

Multiple lines per image

PHYSICAL CHARACTERISTICS

Weight

~8 kg

Size

250mm x 250mm x 300mm (10"x10"x12")

Tripod mounting

3/8" – 16

INTERFACES

A/D PC-card

Direct signal and image transfer to PC

www.MyBreastImaging.com, the best in thermal imaging.