

FREE STYLE

THERMAL IMAGING CAMERA "Thermo FLEX F50"



Heat-Resistant and Small Camera-Head Increase the Efficiency of Thermal Testing Overwhelmingly.

It is unnecessary for you to do troublesome work taken much time such as attaching thermocouple and writing work to the thermostatic chambers any more. You can capture the changes of temperature more efficiently putting the small camera-head into a device and a testing machine.



Thermo FLEX F50 FREE STYLE



"Separation Style" can be mounted on a tripod and fixed on a wall

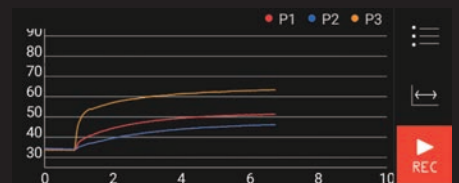
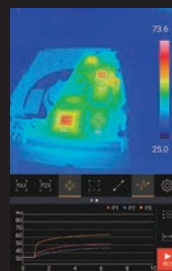
Remote operation with controller can be performed without touching the camera-head.

Small Camera-Head resists up to 70°C

We realized small size and high heat-resistant temperature performance camera can be put into a device such as thermostatic chambers.

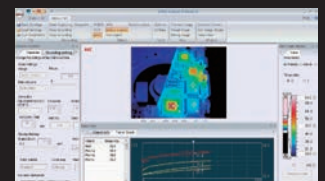
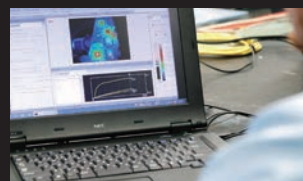


Automatically Create "Trend Graph" without a PC



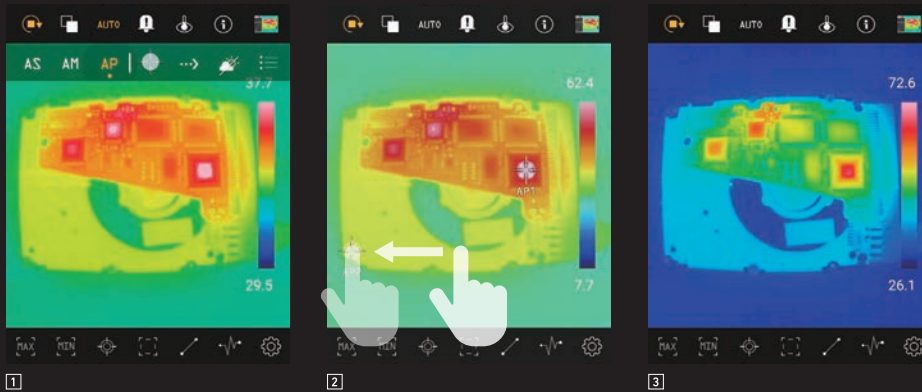
It is possible to create a trend graph with controller automatically. Analysis by software is unnecessary. The created graph can be transferred to a PC as a CSV file.

Real-Time Analysis is possible by connecting to a PC



Recording thermal movie data is possible by connecting the camera to a PC. You can analyze the temperature of point in details capturing the changes of temperature as movie data. (by using optional software "NS9500 Pro")

"Auto Point" function makes temperature scale's setting more efficient

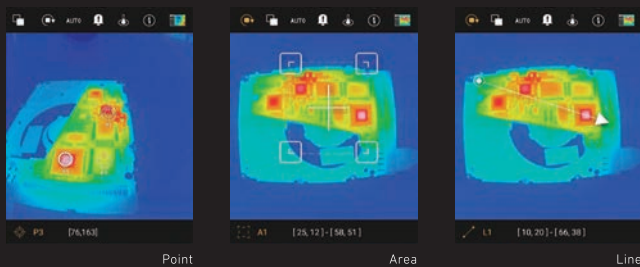


The setting and adjustment of temperature scale was the most difficult operation for beginners. With the new "Auto Point" function, even beginners can easily set the optimal temperature scale by touching the upper and lower limit temperature values intuitively. Moreover, you can automatically adjust the upper limit temperature values which depends on the temperature change by "Auto-Maximum" function.

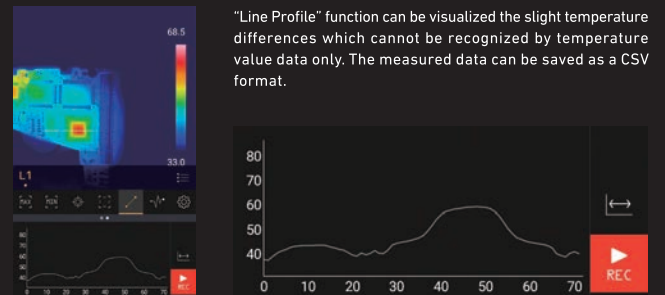
- 1 Conventional "Auto-Scale" function could not be adjusted the temperature scale as you expected.
- 2 With the new "Auto Point" function, you can adjust the temperature scale just by touching the point which you want to set as the upper and lower limit temperature values.
- 3 With above intuitive operation, you can complete the temperature scale setting quickly.

Intuitive Measurement Object by touch

Setting "Point", "Area" and "Line" are possible for measuring by touch operation.



Create graph of temperature gradient on the spot



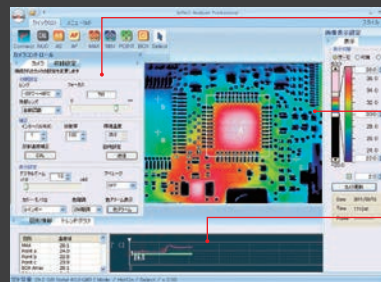
"Line Profile" function can be visualized the slight temperature differences which cannot be recognized by temperature value data only. The measured data can be saved as a CSV format.

Option PC Software High-Performance On-line Analysis Software

InfReC Analyzer NS9500 Professional

Online operation from "camera control" to "real-time measurement and analysis"

Camera control, real-time measurement and analysis can be performed by connecting with the PC. The recorded data can be analyzed in detail with the NS9500 STD.



Main functions: Camera control / Real time image display / Image recording (Dynamic / Static) / Thermal image, Visible image, Composite display / Graphic setting / Trend graph display

Camera control

Remote control such as temperature scale setting and calibration (NUC) by PC is possible

Real-time Image Display & Recording

Display thermal image, visible image and fusion image in real-time and record to PC (HDD) simultaneously.

Real time measurement

Display temperature of measuring points and max/min/average in specified boxes.



<https://www.avio.co.jp/English/>

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WARNINGS & CAUTIONS

• Before using this product, please carefully read the provided Operation Manual "WARNINGS" & "CAUTIONS" section to ensure proper operation. • Please do not place the product in high temperature, high humidity or high inert gas environments.

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