

# Inspection of Electric· Mechanical Equipment

**Challenge**

- Electric·mechanical equipment have complex shape !
- Use thermography for easy inspection !

## Avio Solution / Short distance-Wide angle measurement

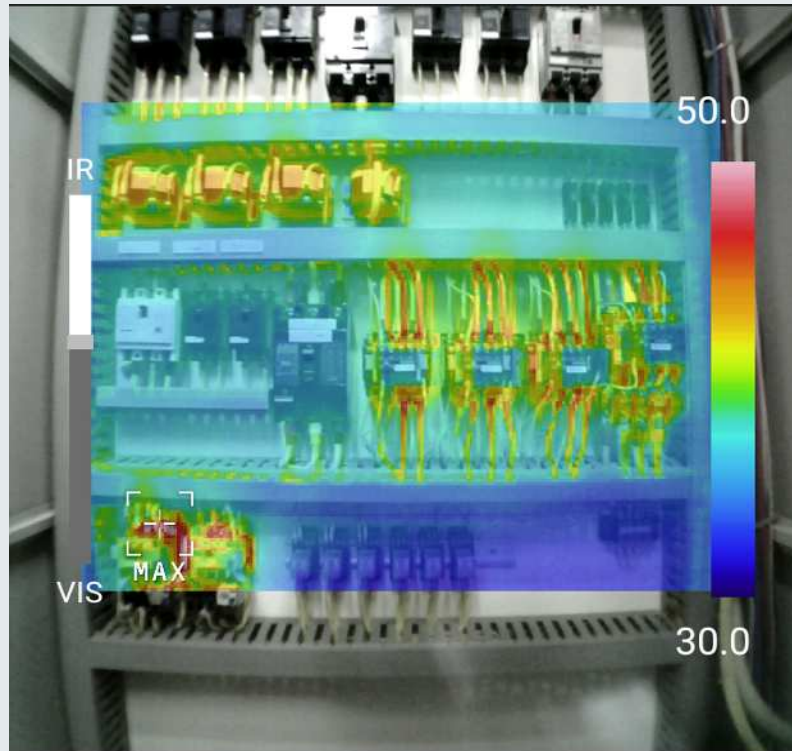
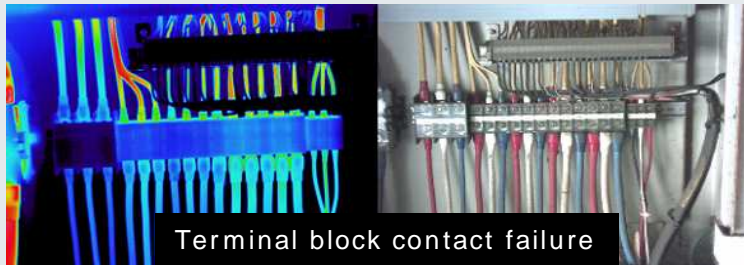
Detachable camera head of Thermo Flex F50 enables "Look up/down", "Inserted into" angle free measurement.

**[Features]**

Realization of angle-free by detachable camera head with environmental resistance.

Wide area measurement by focus free wide angle lens (35°/70°) works well in limited space.

Intuitive and simple operation by touch panel, even easy for beginners.



Real-time mixing display of visible & thermal imaging  
\*Image taken by F50B model with 70° field of view

# Thermo Flex F50 detachable camera head Experience of "Ultimate Angle-Free"

Camera head detachable thermography  
FREE STYLE 「Thermo Flex F50」



## Specifications

	Items	F50A-BAS	F50B-BAS	F50A-STD	F50B-STD	F50A-ONL	F50B-ONL	
Basic Function	Field of View	35°	70°	35°	70°	35°	70°	
	Measurement Distance	30cm~	10cm~	30cm~	10cm~	30cm~	10cm~	
	Focusing	Not required						
	Pixel Resolution	240x240 Pixels						
	Frame Rate	7.5Hz						
	Temp. Resolution	0.05						
	Measuring Temp. Range	-20~350						
	External Interface	USB2.0 mass storage				USB2.0 mass storage / online		
	IP Rating	IP64						
	Impact Resistance	1 m Fall						
	Operating Temp.	-20~70						
	Weight	Approx. 500g (Camera 100g, Controller 400g)						
Main Body Function	Message Recording	✓		✓		✓		
	Voice Recording	✓		✓		✓		
	Digital Zoom	✓		✓		✓		
	Thermal/Visible Mixing	✓		✓		✓		
	Auto Temp. Setting	✓		✓		✓		
	Sky-off	✓		✓		✓		
	Alarm	✓		✓		✓		
	Point Temp. Measurement	✓		✓		✓		
	Auto Tracking Point	✓		✓		✓		
	Interval Recording	-		✓		✓		
	Fire Recording	-		✓		✓		
	2-points Temp. Subtraction	-		✓		✓		
	BOX Temp. Measurement	-		✓		✓		
	Line Profile	-		✓		✓		
	Trend Graph	-		✓		✓		
Real-time transfer	-		-		-		✓	

Please see detail for brochure.

Avio offers most suitable model for all of your measurement needs.

 NIPPON AVIONICS CO., LTD.

Overseas Sales Department  
Industrial Electronic Products Sales Division  
4206, Ikonobe-cho, Yokohama, 224-0053, Japan  
TEL +81-45-930-3596  
Fax +81-45-930-3597  
E-mail : [product-irc-e@ml.avio.co.jp](mailto:product-irc-e@ml.avio.co.jp)

<http://www.avio.co.jp/english/>



### 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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