

Inspection of difficult area to shoot by conventional thermography

Challenge

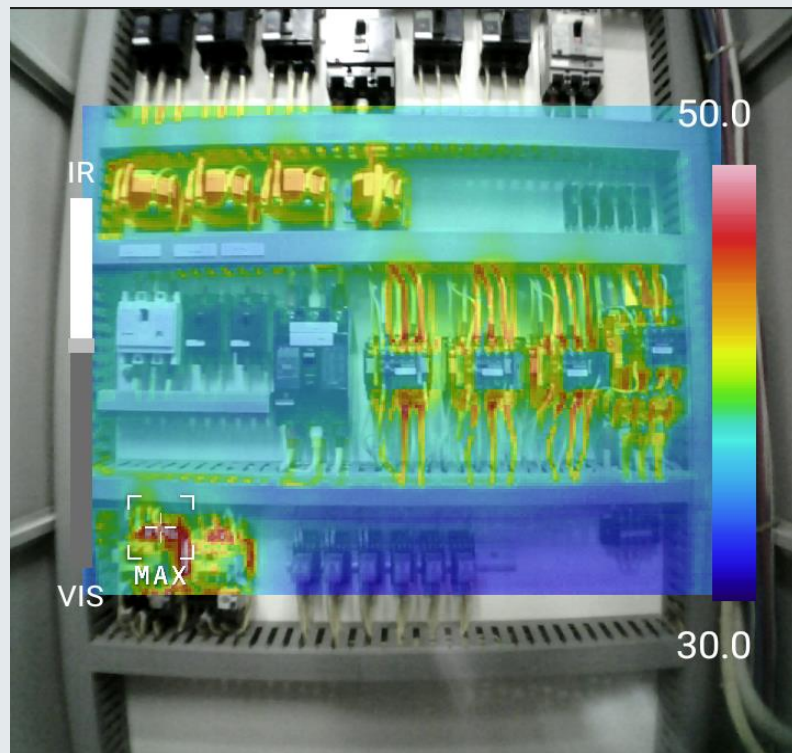
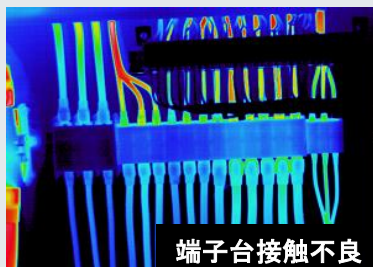
Measurement of tight spot, back of equipment, etc., which are difficult to capture thermal image by regular thermography.

Avio Solution

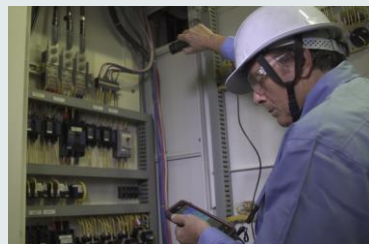
Thermo Flex F50 enables you to capture thermal images of **tight spot** and **back of equipment** by sneaking its **small camera head**, which is impossible by other thermography

[Advantages]

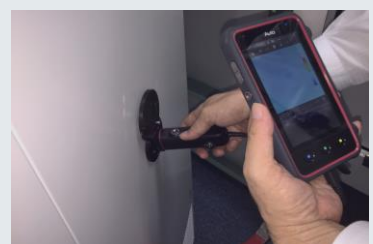
- ★ **Highly durable & separable small-sized camera** for thermal imaging from difficult angles.
- ★ **No focus and wide angle lens** (35° or 70°) for short distance-wide angle shooting.
- ★ **Touch panel** for smart phone-like easy operation.



Look up from ground



Look down from top



Insert into tight box



Look up from bottom

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

Thermo Flex F50 makes impossible thermal imaging possible

“Ultimate free angle” by detachable & durable small-sized camera head



■ 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	240×240 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	1m 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		-		-				

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

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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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