Temperature Management of Mold for Small Components

Measurement & recording of large number of points take long time by contact measurement method.

■ Avio Solution!!

2 abnormal temperature (Over/Under) in one display by Color Alarm Function.
Non-contact instant temperature management is available.
Thermal image data provide Product Quality data

Thermal Image (Color Alarm Display)

Avio Recommended!!

Thermo Flex F50
Camera head can be fixed by using commercially available accessories to obtain thermal images.

**Thermo Flex F50 Series Specifications**

<table>
<thead>
<tr>
<th>Items</th>
<th>Standard Model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F50A-STD</td>
</tr>
<tr>
<td>Field of View</td>
<td>35°</td>
</tr>
<tr>
<td>Measurement Distance</td>
<td>30㎝～</td>
</tr>
<tr>
<td>Focusing</td>
<td>Not Required</td>
</tr>
<tr>
<td>Pixel Resolution</td>
<td>240×240 Pixels (57,600 Pixels)</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>7.5Hz</td>
</tr>
<tr>
<td>Temp. Resolution</td>
<td>0.05℃</td>
</tr>
<tr>
<td>Measuring Temp. Range</td>
<td>-20～350℃</td>
</tr>
<tr>
<td>External Interface</td>
<td>USB2.0 Mass Storage</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP64</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>1m Fall</td>
</tr>
<tr>
<td>Operating Temp.</td>
<td>Camera Head : -20～70℃, Controller : -20～50℃</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx.500g (Camera Approx.100g, Controller Approx. 400g)</td>
</tr>
</tbody>
</table>

**Main Body Function**

- Message Recording
- Voice Recording
- Digital Zoom
- Thermal/Visible Mixing
- Auto Temp. Setting
- Alarm
- Point Temp. Measurement
- Auto Tracking Point
- Interval Recording
- Fire Recording
- 2 Points Temp. Subtraction
- BOX Temp. Measurement
- Line Profile
- Trend Graph

Please see detail for product brochure.

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.

Distributor: