CoolingJacket Advanced
Universal cooling housing for optris® infrared thermometers and cameras up to 315 °C

innovative infrared technology
The universal protection for optris® PI series, CTlaser, CSlaser, CTvideo and CSvideo under harsh industrial environments

**Features:**

- Operation at ambient temperatures up to 315 °C
- Air/water cooling with integrated air purging and optional protective windows
- Modular concept for easy installation of different devices and optics
- Trouble-free sensor disassembling on site with quick release chassis
- Integration of additional components like PI NetBox, USB Server Gigabit and Industrial Process Interface (PIF) in extended version

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### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>CoolingJacket Advanced Standard</th>
<th>CoolingJacket Advanced Extended</th>
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<tbody>
<tr>
<td>Environmental rating</td>
<td>IP 65</td>
<td>IP 65</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>up to 315 °C (1)</td>
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<tr>
<td>Relative humidity</td>
<td>10 ... 95%, non-condensing</td>
<td>10 ... 95%, non-condensing</td>
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<tr>
<td>Material (housing)</td>
<td>V2A</td>
<td>V2A</td>
</tr>
<tr>
<td>Dimensions</td>
<td>271 mm x 166 mm x 182 mm</td>
<td>426 mm x 166 mm x 182 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>5.7 kg</td>
<td>7.8 kg</td>
</tr>
<tr>
<td>Air purge collar</td>
<td>G1/4” Internal thread or G3/8” External thread</td>
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<tr>
<td>Cooling water fittings</td>
<td>G1/4” Internal thread or G3/8” External thread</td>
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</tr>
<tr>
<td>Cooling water pressure</td>
<td>max. 15 bar (217 psi)</td>
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</tr>
</tbody>
</table>
| Scope of supply         | • CoolingJacket Advanced, consisting of housing, chassis and focusing unit respectively front part  
                          • Installation instructions | • CoolingJacket Advanced, consisting of housing, chassis and focusing unit respectively front part  
                          • Installation instructions  
                          • Mounting accessories for  
                          – PI Netbox or USB server Gigabit  
                          – Industrial PIF  
                          • Installation instructions |

(1) Cable available up to 250 °C ambient temperature as well as cable cooling up to 315 °C.

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### Dimensions

**Standard version**

- Dimensions: 271 mm x 166 mm x 182 mm
- Weight: 5.7 kg
- Air purge collar: G1/4” Internal thread or G3/8” External thread
- Cooling water fittings: G1/4” Internal thread or G3/8” External thread
- Cooling water pressure: max. 15 bar (217 psi)

**Extended version**

- Dimensions: approx. 426 mm x 166 mm x 182 mm
- Weight: 7.8 kg
- Air purge collar: G1/4” Internal thread or G3/8” External thread
- Cooling water fittings: G1/4” Internal thread or G3/8” External thread
- Cooling water pressure: max. 15 bar (217 psi)