



# CoolingJacket Advanced

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

when temperature matters

# optris CoolingJacket Advanced

## TECHNICAL DATA



The universal protection for  
optris PI series, CTlaser,  
CSlaser, CTvideo, CSvideo  
and CSvision under harsh  
industrial environments

### Features:

- Operation at ambient temperatures up to 315 °C
- Water cooling with 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



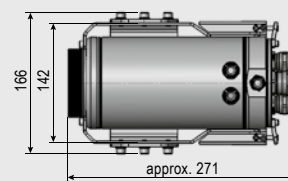
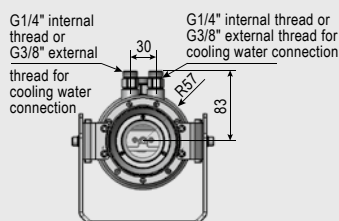
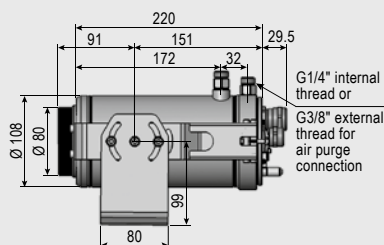
|                        | CoolingJacket Advanced Standard                                                                                                                                                                        | CoolingJacket Advanced Extended                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental rating   | IP 65                                                                                                                                                                                                  | IP 65                                                                                                                                                                                                                                                                                                                                                                                 |
| Ambient temperature    | up to 315 °C <sup>1)</sup>                                                                                                                                                                             | up to 315 °C <sup>1)</sup>                                                                                                                                                                                                                                                                                                                                                            |
| Relative humidity      | 10 ... 95 %, non-condensing                                                                                                                                                                            | 10 ... 95 %, non-condensing                                                                                                                                                                                                                                                                                                                                                           |
| Material (housing)     | V2A                                                                                                                                                                                                    | V2A                                                                                                                                                                                                                                                                                                                                                                                   |
| Dimensions             | 271 mm x 166 mm x 182 mm                                                                                                                                                                               | 426 mm x 166 mm x 182 mm                                                                                                                                                                                                                                                                                                                                                              |
| Weight                 | 5.7 kg                                                                                                                                                                                                 | 7.8 kg                                                                                                                                                                                                                                                                                                                                                                                |
| Air purge collar       | G1/4" Internal thread<br>G3/8" External thread                                                                                                                                                         | G1/4" Internal thread<br>G3/8" External thread                                                                                                                                                                                                                                                                                                                                        |
| Cooling water fittings | G1/4" Internal thread<br>G3/8" External thread                                                                                                                                                         | G1/4" Internal thread<br>G3/8" External thread                                                                                                                                                                                                                                                                                                                                        |
| Cooling water pressure | max. 15 bar (217 psi)                                                                                                                                                                                  | max. 15 bar (217 psi)                                                                                                                                                                                                                                                                                                                                                                 |
| Scope of supply        | <ul style="list-style-type: none"> <li>• CoolingJacket Advanced, consisting of housing, chassis and focusing unit respectively front part<sup>2)</sup></li> <li>• Installation instructions</li> </ul> | <ul style="list-style-type: none"> <li>• CoolingJacket Advanced, consisting of housing, chassis and focusing unit respectively front part<sup>2)</sup></li> <li>• Mounting accessories for                             <ul style="list-style-type: none"> <li>– PI Netbox or USB server Gigabit</li> <li>– Industrial PIF</li> </ul> </li> <li>• Installation instructions</li> </ul> |

<sup>1)</sup> All optris thermometers max. up to 250 °C. Cable available up to 250 °C ambient temperature as well as cable cooling up to 315 °C.

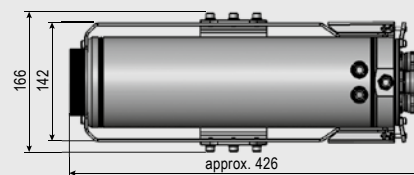
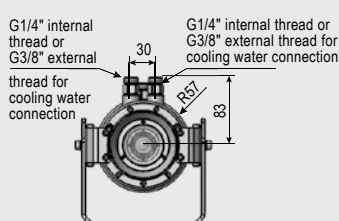
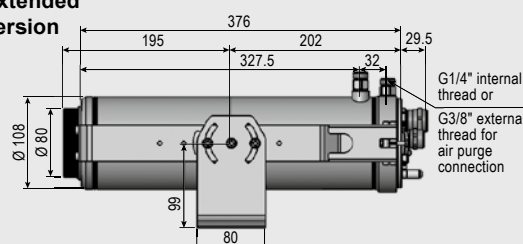
<sup>2)</sup> Focusing unit and front part are exchangeable and have to be ordered separately.

## Dimensions

### Standard version



### Extended version



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