



More Precision

thermo**IMAGER** TIM // Compact thermal imaging cameras



Cooling Jacket Advanced

Universal cooling housing for infrared cameras up to 315 °C

- Ambient operating temperatures up to 315 °C
- Air/Water cooling with integrated air purging and optional protective windows
- Modular design for easy fitting of different devices and lenses
- Easy sensor removal on site due to quick-release chassis
- Integration of additional components such as TIM NetBox, USB Server Gigabit and Industrial Process Interface (PIF) in the extended version

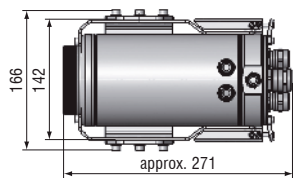


Model	Cooling Jacket Advanced Standard	Cooling Jacket Advanced Extended
Protection class	IP65	IP65
Ambient temperature	up to 315 °C ¹⁾	up to 315 °C ¹⁾
Relative humidity	10 to 95 %, non-condensing	10 to 95 %, non-condensing
Material (housing)	V2A	V2A
Dimensions	271 mm x 166 mm x 182 mm	426 mm x 166 mm x 182 mm
Weight	5.7 kg	7.8 kg
Air purge collar	G1/4" internal thread G3/8" external thread	G1/4" internal thread G3/8" external thread
Cooling water fittings	G1/4" internal thread G3/8" external thread	G1/4" internal thread 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"> ▪ Cooling Jacket Advanced, consisting of housing with mounting angle, chassis ▪ Assembly instructions 	<ul style="list-style-type: none"> ▪ Cooling Jacket Advanced, consisting of housing with mounting angle, chassis ▪ Mounting accessories for TIM NetBox or USB Server Gigabit and Industry PIF ▪ Assembly instructions
	<ul style="list-style-type: none"> ▪ Focusing unit or front attachment ²⁾ 	<ul style="list-style-type: none"> ▪ Focusing unit or front attachment ²⁾

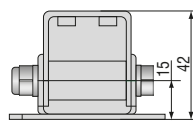
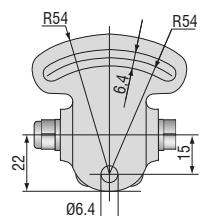
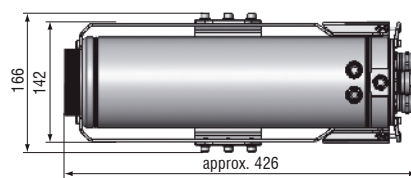
¹⁾ Cable up to 250 °C ambient temperature and cable cooling up to 315 °C available.

²⁾ Must be ordered separately.

Cooling Jacket Advanced – Standard version



Cooling Jacket Advanced – Extended version



TM-MB-TIM adjustable mounting foot

TM-PH-TIM protection housing incl. mounting foot

Sensors and Systems from Micro-Epsilon



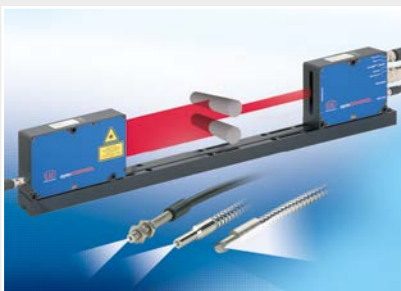
Sensors and systems for displacement, distance and position



Sensors and measurement devices for non-contact temperature measurement



Measuring and inspection systems for metal strips, plastics and rubber



Optical micrometers and fiber optics, measuring and test amplifiers



Color recognition sensors, LED analyzers and inline color spectrometers



3D measurement technology for dimensional testing and surface inspection