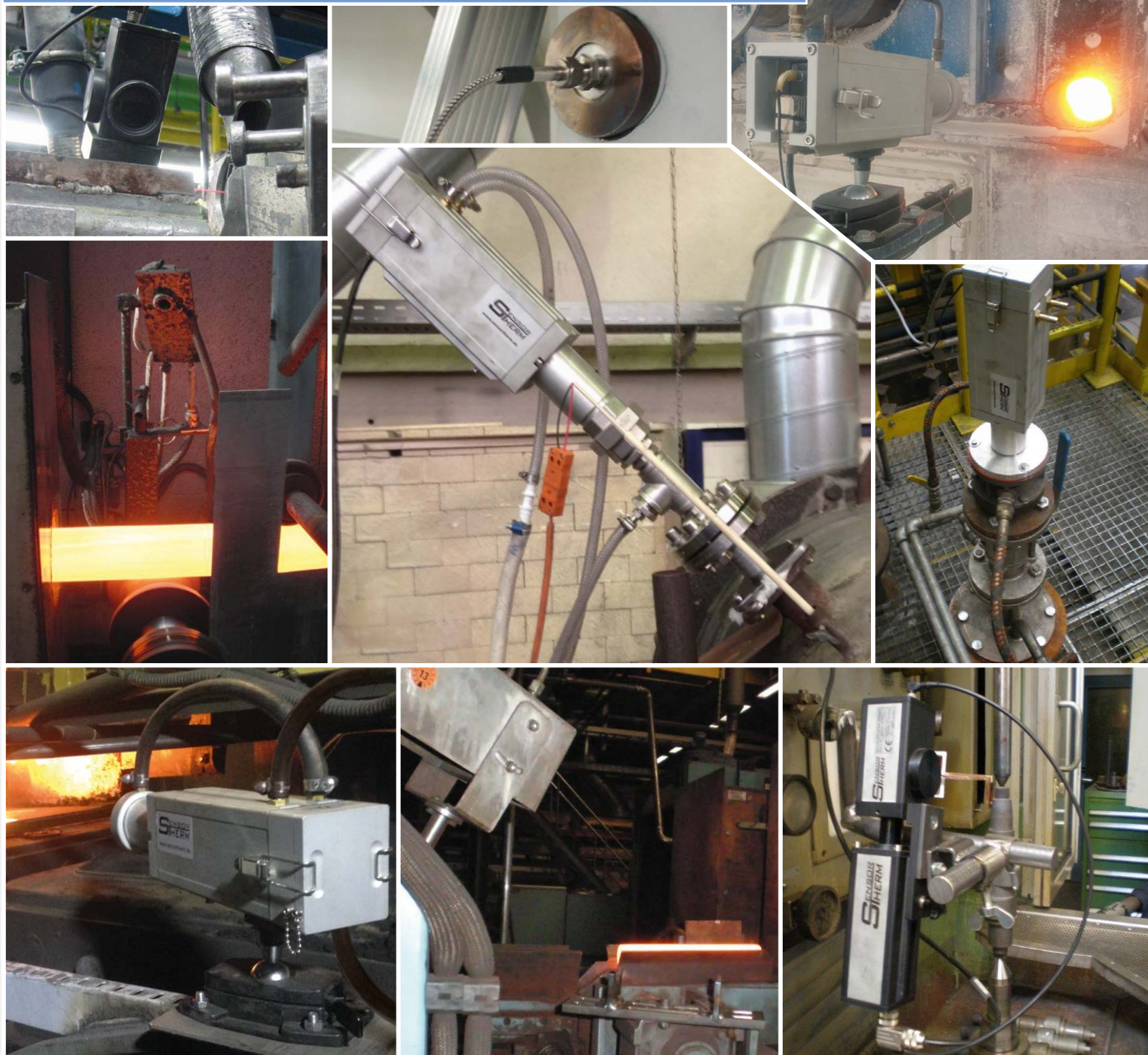


Accessories Catalog

Accessories for Pyrometers of the METIS Series



- Mounting brackets
- Cooling housing
- Flange systems
- Cooling plates / cooling jackets
- Air purge units
- Scanning mirrors
- Vacuum feedthrough
- Scanner
- Fiber optic assemblies

Mounting

HA10-00

Mounting bracket (adjustable)
■ for pyrometers



HA12-00

Mounting bracket (adjustable)
■ for water cooling jacket



HA14-00

Mounting bracket (adjustable)
■ for 25 mm fiber optics OL25 / OQ25



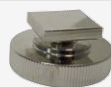
HA80-00

Mounting bracket (adjustable)
■ for 12 mm fiber optics OL12 / OQ12
■ for 90° deflection UM80 (for 12 mm fiber optics)



HA61-00

Tripod adapter
■ for mounting on the pyrometer's mounting rail



HA20-01

Ball joint bracket
■ for pyrometers



HA21-00

Heavy ball joint bracket
■ for cooling hood KG31
■ for scan adapter SC10
■ for scanners SC7x / SC8x



HA22-00

Heavy ball joint bracket
■ for water cooling jacket



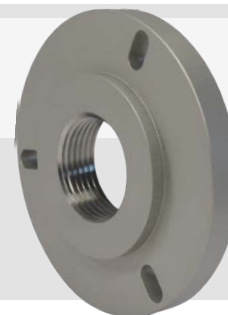
FA05-00

Aluminum flange
(suitable for Ircon system)
■ with 4 holes
for pyrometers (front screws)



FA05-10

Aluminum flange
(suitable for Ircon system)
■ with thread for cooling housing



Cooling Housing

xx=Protective window (see last page)

KG10-xx (xx=00, 01, 04)

Water cooling jacket
■ for pyrometers with 12-pin angled connector

KG14-xx (xx=00, 01, 04)

Water cooling jacket
■ for pyrometers with Profibus, Profinet or Ethernet

KG13-xx (xx=00, 01, 04)

Water cooling jacket
■ for M3 with camera module (straight connector)

KG17-xx (xx=00, 01, 04)

Water cooling jacket
■ for pyrometers with 17-pin angled connector



Flange System

xx=Protective window (see last page)

FS10-xx (xx=02, 04)

Flange system with flange

FS13-xx (xx=02, 04)

Flange system with flange
■ for pyrometers with camera module

FS20-xx (xx=02, 04)

Flange system with ball flange

FS23-xx (xx=02, 04)

Flange system with ball flange
■ for pyrometers with camera module



Cooling Plates / Cooling Hoods / Protective Housing

KG20-00-80

Water cooling plate

- for pyrometers with focusable optics, motorized optics or fixed focus optics

KG31-00-80

Cooling hood

- for pyrometers with focusable optics, motorized optics or fixed focus optics

KG22-00

Water cooling plate

- for pyrometers with scan adapter SC10

KG27 / 28

Cooling plate without / with air purge unit

- for GALAXY scanners SC7x / SC8x

KG37 / 38

Protective housing without / with air purge unit

- for GALAXY scanners SC7x / SC8x

Air Purge Units

BL11-00

Air purge unit

- for pyrometers with focusable optics

BL10-00

Air purge unit

- for M323
- for pyrometers with motorized optics
- for pyrometers with fixed focus optics

BL12-00

Air purge unit

- for cooling jacket
- for scan adapter SC10

BL14-00

Air purge unit

- for 25 mm fiber optics

BL80-00

Air purge unit

- for 12 mm fiber optics

BL12-01

Air purge unit with adapter ring

- for SC10 with cooling plate KG22

90° Deflection Mirrors

xx=Protective window (see last page)

UM10-00

90° deflection mirror

- for pyrometers with focusable optics

UM24

90° deflection mirror with air purge unit

- for 12 mm fiber optics

UM25

90° deflection mirror with air purge unit

- for 25 mm fiber optics

UM26

90° deflection mirror

- for 25 mm fiber optics

UM80-00-xx (xx=01)

90° deflection mirror

- for 12 mm fiber optics

UM80-10-xx (xx=01)

90° deflection mirror with air purge unit

- for 12 mm fiber optics

UM80-20-xx (xx=01)

90° deflection mirror with mounting bracket

- for 12 mm fiber optics

UM80-30-xx (xx=01)

90° deflection mirror with mounting bracket and air purge unit

- for 12 mm fiber optics

Vacuum Feedthrough

VD30-00

Optical fiber with screwed (Swagelok) vacuum feedthrough

- for fiber optic devices

Scanners

GALAXY scanners: 16 measurement regions temperature scanners for linear scanning of objects. Measuring angle adjustable between 0.56 and 90° for 10 to 1600 measured values.

SC71 / 72 / 73 / 75-xx-yy: with air purge unit (no. 7); 0, 4, 8 or 16 analog outputs (second no.)

SC81 / 82 / 83 / 85-xx-yy: without air purge unit (no. 8); 0, 4, 8 or 16 analog outputs (second no.)

- xx=21: with borosilicate protective window
- xx=21: with sapphire protective window
- yy=20: with adapter for pyrometers with standard manually focusable optics; yy=90: M323
- yy=80: with adapter for pyrometers with motorized focus

SC10-xx (second x = protective window = 1, 2, 3, 4)

Scan adapter (Line scanners)

- SC10-4x: for pyrometers with manually focusable optics
- SC10-6x: for pyrometers with motorized focus / fixed focus optics
- SC10-7x: for pyrometers with fiber optics



Ruggedized Fiber Optic Assemblies

Heavy-duty measuring system

Pyrometer measuring system in heavy stainless steel design

- for all Metis M3 and H3 fiber optic pyrometers



HW5002 + HW5004 + HW5005

Optical fiber protective tube (15 m)

with optics protection (sleeve + screw connection)

- for all 25 mm fiber optics



Info Box Protective Windows (xx)

xx = 00: Without protective window

xx = 01: Borosilicate protective window

xx = 02: Calcium fluoride protective window (CaF₂)

xx = 03: Zinc sulfide / zinc selenide protective window (ZnS / ZnSe)

xx = 04: Sapphire protective window (scratch and abrasion resistant)

(for pyrometer models with spectral range up to 2.8 μm)

(for pyrometer models with spectral range up to 8 μm)

(for pyrometer models with spectral range up to 14 μm)

(for pyrometer models with spectral range up to 5 μm)

Mounting Examples



Sensortherm reserves the right to make changes in scope of technical progress or further developments.

Sensortherm-AccessoryCatalog_Metis-Series (May 28, 2024)

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THERM**