



## Sample cooler

SC32F

### Application and function

IGEMA sampling coolers are used for the manual taking of water samples for analysis purposes. It cool the sample water down to ambient temperature by a built-in cooling coil.

The sample temperature is adjusted by the ratio of cooling water volume to sample water volume.

During the cooling water flow there is a cooling water consumption of 1 m<sup>3</sup>/h.

### Technical basic equipment

- Stainless steel housing and cooling coil
- Thermometer unit
- Cooling water valve
- Funnel for holding a measuring cup

### Optional Versions

- With inspection certificate 3.1 according to EN10204:2004

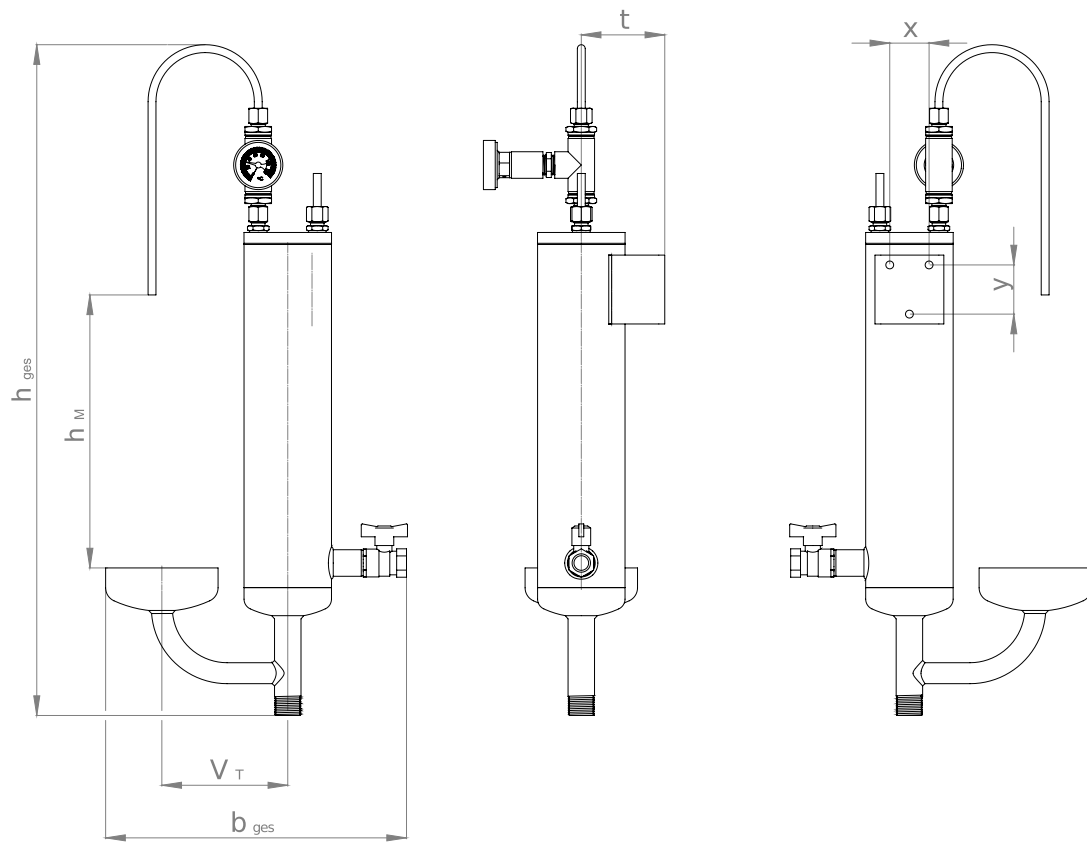


Sample cooler SC32F

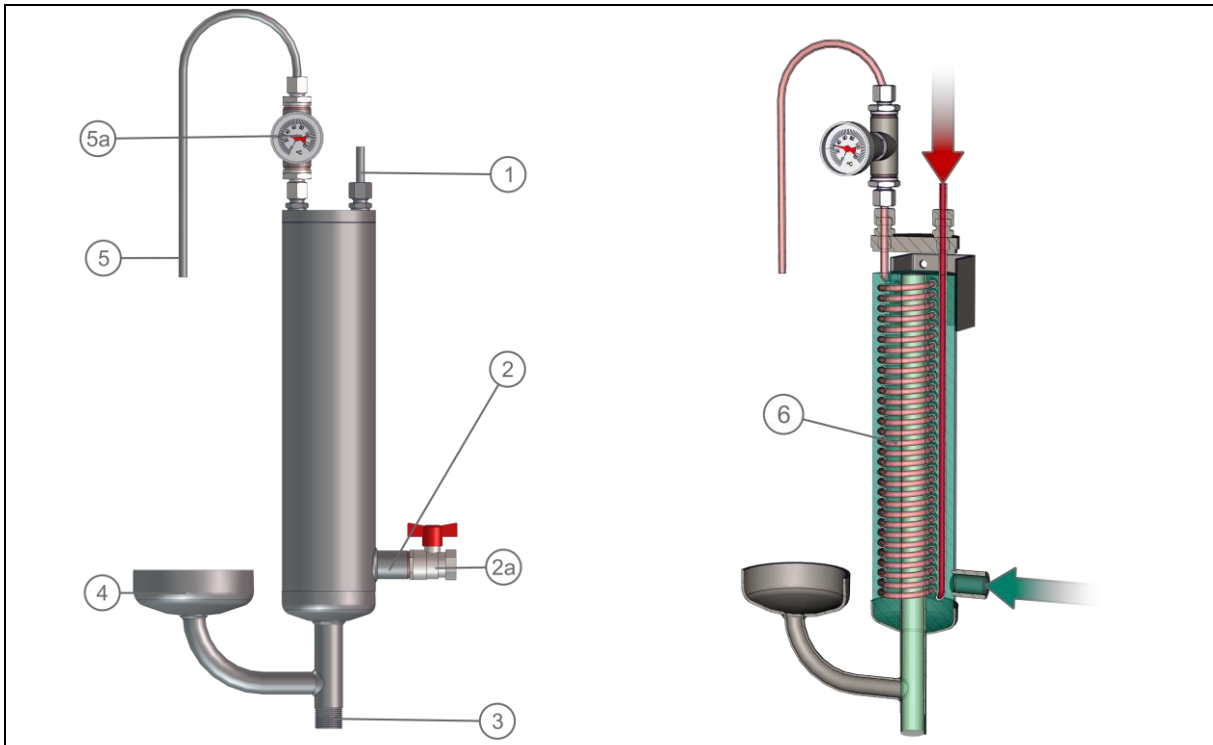
## Technical data

Operating limits Sample cooler SC32F		Perm. Pressure [PS]	Perm. Temperature [TS]
Housing		20 bar 290 psig	120 °C 248 °F
Cooling coil	at maximum pressure	110 bar 1595 psig	400 °C 752 °F
	at maximum temperature	90 bar 1305 psig	450 °C 842 °F

## Dimensions and sizes



		[mm]	[inch]
Total height	$[h_{ges}]$	710	28
Measuring cup height	$[h_M]$	332	13
Total width	$[b_{ges}]$	304	12
Funnel offset	$[V_T]$	128	5
Hole distance	$x$	40	1 <sup>4</sup> / <sub>7</sub>
	$y$	50	2
Mounting depth	$[t]$	85	3 <sup>1</sup> / <sub>3</sub>



1	Connection for sample inlet through cutting ring screw connection DS8	4	Funnel for holding a measuring cup
2	Cooling water connection G 1/2"	5	Sample outlet via pipe Ø8 x 1
2a	Cooling water valve G 1/2"	5a	Thermometer unit
3	Cooling water outlet via Connection G 3/4"	6	Cooling coil

### Basic equipment

The sampling cooler is equipped with a cooling water valve and a thermometer unit.



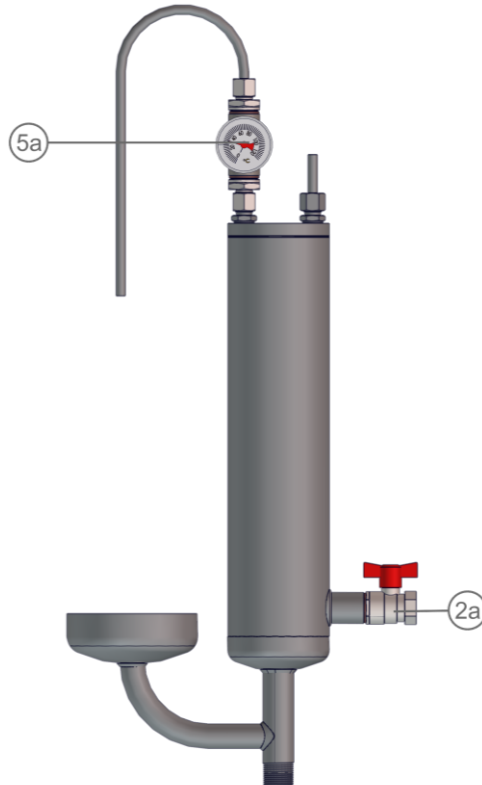
Thermometer unit



Cooling water valve G 1/2"

## Spare parts

Pos.	Description	Article-No.	Quantity
2a	Cooling water valve G 1/2"	40-11215	1
5a	Thermometer unit	15-06258	1



## Digital documentation



*Direct download*



*Product page on the Internet*

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