

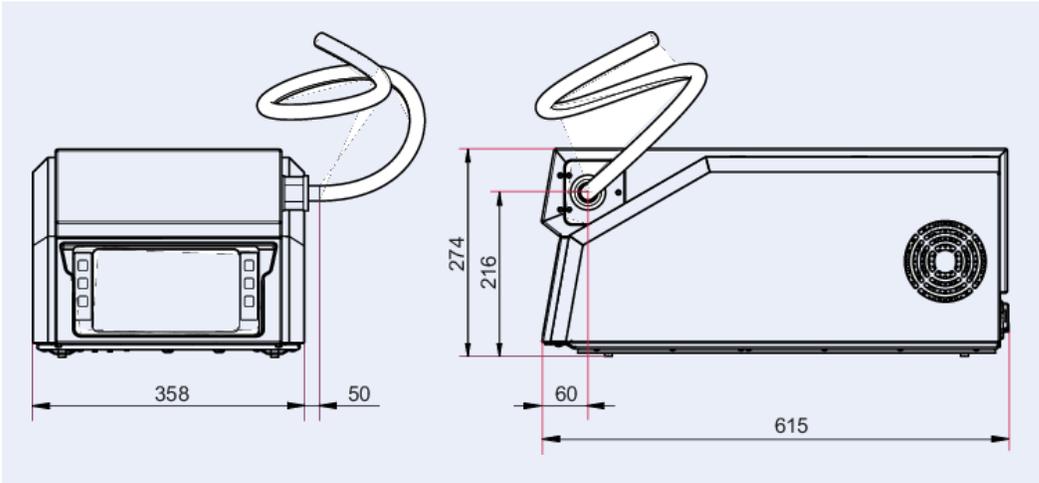
ThermoStar® GSD 350 T1



Illustration only

ThermoStar® GSD 350 T1, 1 - 100 u, yttrium iridium cathode, heated capillary 200 °C, 2 m

Dimensions



ThermoStar® GSD 350 T1

Technical Data	ThermoStar® GSD 350 T1, 1 – 100 u, yttrium iridium cathode, heated capillary 200 °C, 2 m
Calibration device	No
Input: Analog	5 x, -10 – +10 V / 14 Bit 16 Bit
Gas connection	Capillary, AD 0.23 mm
Corrosive gas version	No
Capillary, material	Quartz
Materials in contact with media	Ceramic Platinum/iridium Stainless steel Copper Nickel Molybdenum Gold Glass FKM PTFE Aluminum Silver NBR
Recommended on-site electric fuse protection	10 A
System controller	Color 7" touch display or via web interface
Ambient temperature	10 – 40 °C
Mass range	1 – 100 u
Gas inlet	Continuously open
Temperature: Storage, max	55 °C
Temperature: Storage, min	-20 °C
Exhaust connection	IQS plug-in connection, 6 mm
Input voltage(s)	100 – 240 V AC, 50/60 Hz
Operating site	Indoor, weatherproof
Contribution to neighboring mass: 40 to 41	<10 ppm
Detection limit min.: C-SEM (ppm)	<100 ppb
Operating altitude, max.	2,000 m
Grain size limit (separable)	1 µm
Gas connection: Length	2 m
Operating temperature: capillary, up to	200 °C 392 °F 473.2 K
Weight	23.5 kg 51.81 lb
Detection limit min.: C-SEM (ppm)	<100 ppb
Output: Digital	6 x open collector, nominal + 24 V, I _{max} = 200 mA
Output: Analog	4 x, 0 – 10 V, I _{max} = 10 mA, 16 bit
Gas connection: Length	2 m
Power consumption	830 W
Number of filaments	2
Relay: Switching voltage	24 V DC
Interface: Type	Ethernet
Exhaust pressure, max.	Atmospheric pressure
Gas flow rate	1 – 2 sccm (0 °C)

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Input: Digital	4 x nominal + 24 V
Inlet pressure max.	1200 hPa
Weight	23.5 kg
Relay: Switching current	1 A
Relay: Number	2 Pieces
Filament	Iridium coated with Y_2O_3

Order number	ThermoStar® GSD 350 T1, 1 - 100 u, yttrium iridium cathode, heated capillary 200 °C, 2 m
ThermoStar® GSD 350 T1, 1 - 100 u, yttrium iridium cathode, heated capillary 200 °C, 2 m	PT Q90 211 210



Errors and/or changes excepted. - 9/9/2025

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