

Gas pre-heater: GVW 250

Type GVW 250 for gas cylinder or bundle and gas manifold systems



Sample photo

- for the efficient heating process of highly compressed inert and non-corrosive gases
- helps to prevent the icing of the downstream accessories by heating the medium
- guarantees reliability during continuous operation through double temperature control which prevents overheating
- equipped with plug, 2 m cable, with connections for the different gas types and a light-emitting diode (green) for "Heating ON"

Maintenance:

Visual inspections for damages or contaminations are to be carried out periodically.

Gas pre heaters are only to be opened and repaired by the manufacturer!

Technical Data:

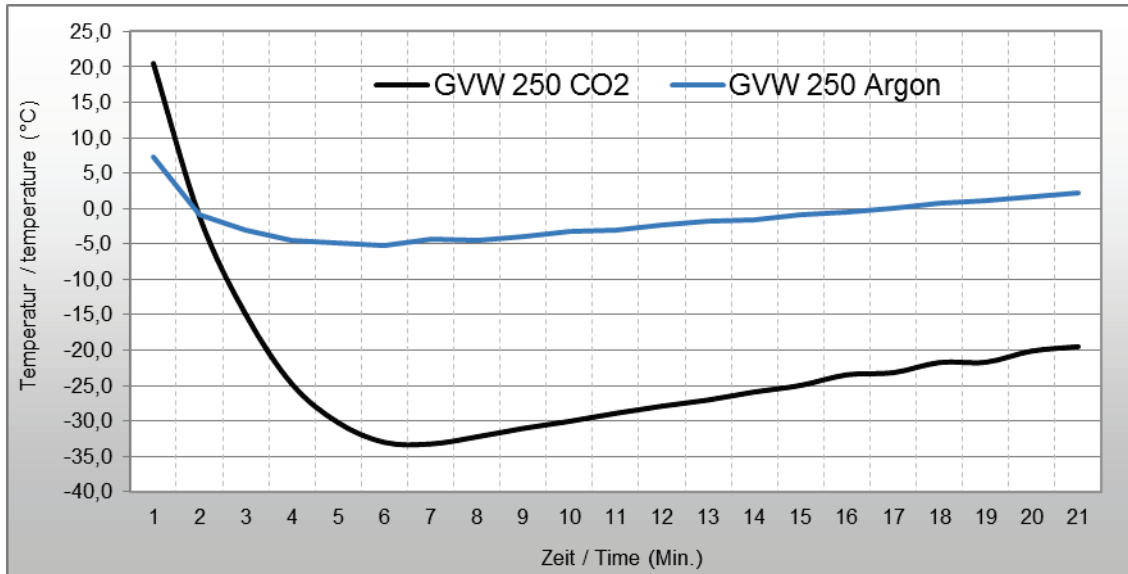
Gas types:	Oxygen (O)	Inert Gas (N)	Nitrogen (N ₂)	Laughing Gas (N ₂ O)	Oxygen (O)	Inert Gas (N)
Working pressure:	20,0 MPa 200 bar				30,0 Mpa 300 bar	
Threads:						
DIN 477-1	G3/4RH	W21,8x1/14RH	W24,32x1/14RH	G 3/8RH		
DIN 477-5					W30x2RH	W30x2RH
Special connection	1/4NPT M24x1,5RH	1/4NPT M24x1,5RH	1/4NPT M24x1,5RH	1/4NPT M24x1,5RH	1/4NPT M24x1,5RH	1/4NPT M24x1,5RH
Electrical data:	Voltage / Power:	Connection:	Protection class :	Switches:		
	230 V / 50Hz / 250 W	Plug with 2 m connection cable	Plug: IP 44 Cage: IP 65	Temperature switch 45+ / - 3°C Temperature limiter 70+ / - 5°C		
Measure and weight:	width:		height:		weight:	
basic system	86,0 mm		61,0 mm		2300,00 g	

Additional connections available on request

We herewith certify that the above mentioned products correspond to the actual valid requirements of Regulation (EC) No1935/2004 and Regulation (EC) No 2023/2006 and fulfill the requirements on good manufacturing practice for materials and articles intended to come into contact with food.

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The figure shows the temperature curve for the gas withdrawal out of 1 cylinder carbon dioxide (CO₂) or argon with cylinder regulator at a constant flow of 10 Nm³/h at 6 bar.



(Ambient temperature 20°C)

Certification/ Technical Standards/ Rules

TRBS German Technical rules for operation safety, DVS German Association for Welding, Cutting and Allied Processes, DGUV German Employer's liability insurance association rules and regulations.

Standards/ Approvals

Company certified according to
ISO 9001:2015 and ISO 14001:2015

CE-marking according to: Directive 2014/35/EU

(Subject to change without notice)