



SP2020-H(220)/C/I/BB/F

Gas Sample Probe Series SP®

Version SP2020-H(220)/C/I/BB and
SP2020-H(220)/C/I/BB/F

Special Features

- Heated sample probe with integrated valves for:
- Calibration gas injection
- Probe outlet isolation
- Blow back

Description

The M&C probe SP2020-H(220)/C/I/BB and /BB/F is based on the standard probe SP2000-H.

- Calibration gas will be injected into the probe through a check valve /C directly to the sample outlet. No calibration gas is lost into the stack.
- An isolation valve /I shuts off the sample outlet from the internal filter area.
- Through a high flow rate check valve /BB, which is fixed to the internal probe area, blow back of the filter housing area and the insitu probe tube will be done.
- Through a high flow rate check valve /BB/F, which is fixed to the filter housing wall, blow back of the incorporated ceramic filter will be done incl. the filter area and the insitu probe tube.

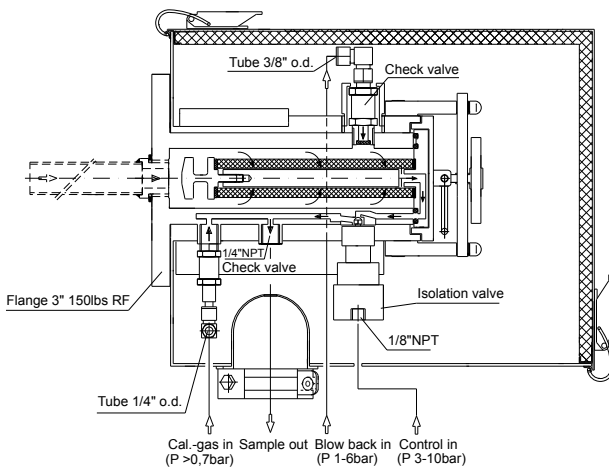
	SP2020-H/C/I/BB	SP2020-H/C/I/BB/F	SP2020-H220/C/I/BB	SP2020-H220/C/I/BB/F
Part Number	20S2020a	20S2025a	20S2021a	20S2030a
Operating temperature	max. 180 °C		max. 220°C	
Power supply	115V 60Hz, 800W			
Calibration gas valve /C	Check valve, cracking pressure: >0,7 bar g connection: tube connector 1/4" o.d.			
Isolation valve /I	Bellows valve with pneum, actuator, control pressure: 3-10 bar g connection: 1/8"NPT i			
Blow back valves /BB	High flow rate check valve, cracking pressure: >0,7 bar g, recommended: 3-6 bar g			
Blow back valves /BB/F	we recommend short pressure pushes to avoid decreasing of temperature in blow back area. connection: tube connector 3/8" o.d.			

Flange material: stainless steel 316Ti, dimensions: 3" 150 lbs

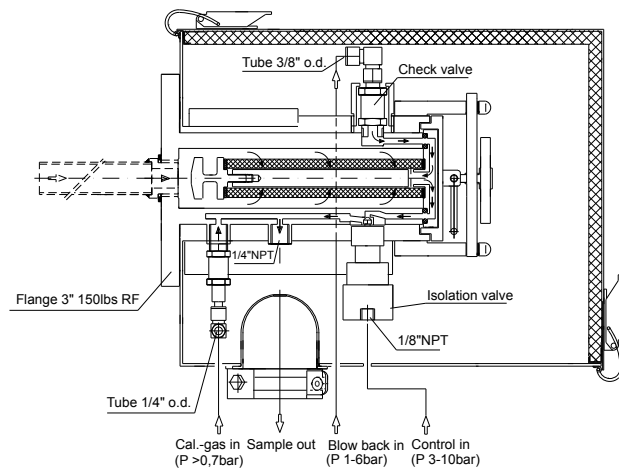
For further technical informations see standard probe SP2000-H.

Dimensions

SP2020-H/C/I/BB



SP2020-H/C/I/BB/F



Dimensions in mm

Following options are included:	SP2020-H....
Flange	3" 150 lbs
Power	115V AC
Calibration gas connection	tube connector 1/4"o.d.
Blow back gas connection	tube connector 3/8"o.d.
Operating temperature max. 220 °C	/H220
Calibration gas injection valve	/C
Isolation valve	/I
Valve for blow back of the filter housing area	/BB
Valve for blow back of the incorporated ceramic filter	/BB/F