

SP310-H200 Heated gas probe

Self-regulating heating system(min.0°C max.+200°C)

Product Data Sheet
P_S101r0
2016.11

FEATURES:

- Heated gas probe with isolated shut off valve
- Ceramic filter element can be replaced without tools
- Effective insulation and protection shield
- Self-regulating heating system (max.+200°C)
- Calibration, Blow back injection
- Easy install and maintenance
- Small volume, fast response time

DESCRIPTIONS:

Wellas's Heated probe, SP310-H200 has simple design with hardy durability and self-regulating heating system type (max.+200°C)

SP310-HGP that includes a mounting flange is easy to install on site. Also the shut-off valve can be replaced without any special tools and easy to maintenance.

Continuing the heating system and the high temperature protection jacket are kept constant the temperature of the sample.

Protection case does not lose heat to maintain the internal temperature easily and can be protected the probe from natural conditions.

It can be satisfies the air temperature outside of the area because of the wide ambient temperature range.

The dual port on the outlet can be used for the calibration and blow back according to the user setting. Also can be applied to the option.

The closing part of the heating cable is included device that can extend the cable so that can be useful to consider your site.

All other specifications of SP310-HGP can be satisfy through a variety of options



SP310-H200

TECHNICAL SPECIFICATIONS :

Ex type :

- Heat system : II 2G Ex e IIC 200 °C T3, T4 Gb
- Thermostat : II 2G Ex ed IIC T6, IP65

Max. Temp. Pressure rating : Max. 232°C / 6.8 barg

Control Temp. : +0°C ~ +200°C

Self regulated heating 320 °C for SCR

Ambient Temp. : -55°C ~ +50°C

power output : AC 208 V to 254 V, other voltage available

Material :

- Probe : 316 Stainless steel
- Probe body : 316 Stainless steel
- Protection case : 304 SS with painting
- O-ring : Graphite/viton,
- Valve bearing : Alloy x750

Filter chamber volume : 0.3 L

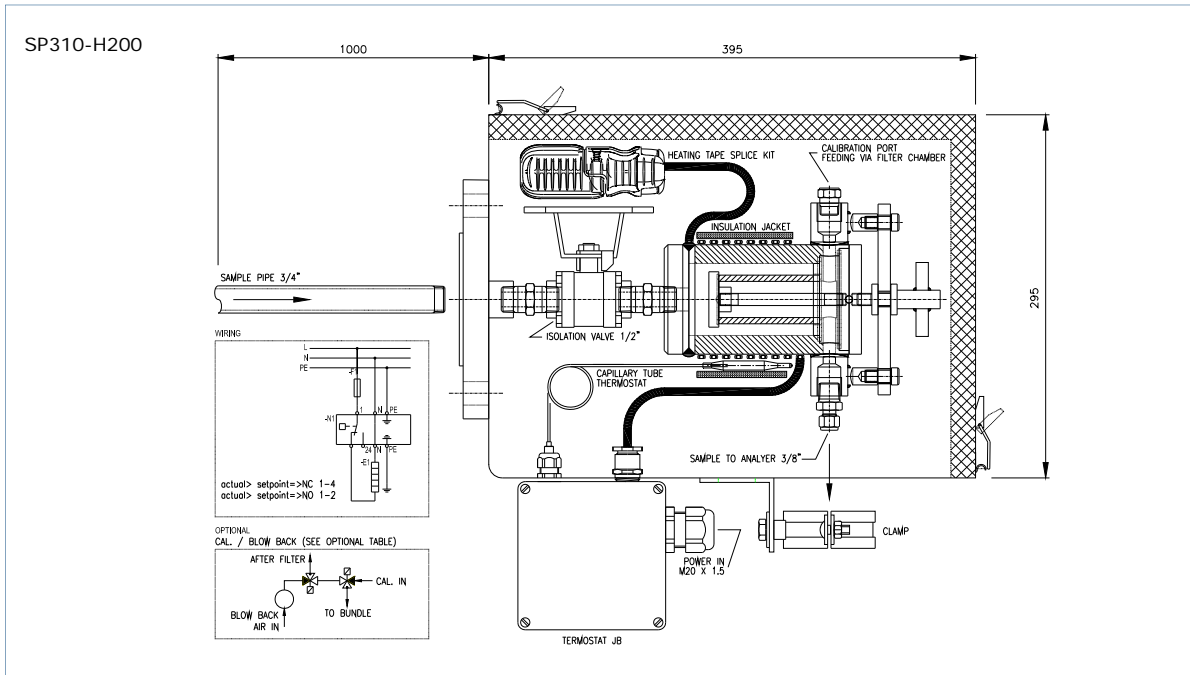
Filter element : Ceramic filter 40 µm

Flange : 3"/4" 150 lbs

Dimensions : 275(W) X 295(H) X 395(D)

Weight : Approximately 15 kg (33 lbs)

Dimension drawing :



Application :

- **Acid gas wash & Dryer** (SS310-Series)
- **Gas Cooler /w Drain system** (SS1100-Series)
- **CEMS Sampling system** (SC-6000 Series)

Spare parts :

Request for extra order if you need.

Consumable Parts:	code	Critical Parts:	code
Filter Element Ceramic filter / Ø40 x 87L	310-001	Self regulated heating cable 0~200 °C / 6M	310-010
O-ring set Viton	310-002	Isolation ball valve 3/4"	310-011
O-ring set Graphite	310-003	Heated probe Housing Assembly	310-012
Insulation jacket silicone fiber 0.45 t / E-glass 10t	310-004	Protection case /w 3" 150# RF flange	310-013

Ordering No. :

If applicable, you can leave this blank.

SP310	H200	4	B	S	A			
Heated gas probe	Heater capacity		Blow back gas Selection		Direct Calibration Solenoid valve		Combination with Acid filter, wash bottle	
	200°C	H200	n/v	Blank	n/v	Blank	n/v	Blank
	320°C (SCR)	H320	0 ~ 10	1/4" Port	B	1/4" Port	S	Acid unit

For further technical information see standard probe