

COMPACT PANEL CONDITIONING SAMPLE

DESCRIPTION

The Manvia sample conditioning compact panel is designed to condition any type of steam-water sample.

This compact pre-tubed assembly allows analyzing the sample under optimal conditions.

It only requires connection of the sample at the entry valve and cooling water supply.

SPECIFICATIONS:

- Built as per standard ASME PTC-19.11
- Wetted parts: 316 stainless steel
- Pressure and temperature ratings 240 barg y 540 °C. (higher on request)
- Sample flow up to 100 L/h. (higher on request).
- Constant flow and pressure maintaining system, through back pressure valve and pressure regulating valve tandem.
- Portable.
- Customizable with incorporation of specific conductivity, cation conductivity, pH and dissolved oxygen analyzers in one sole panel



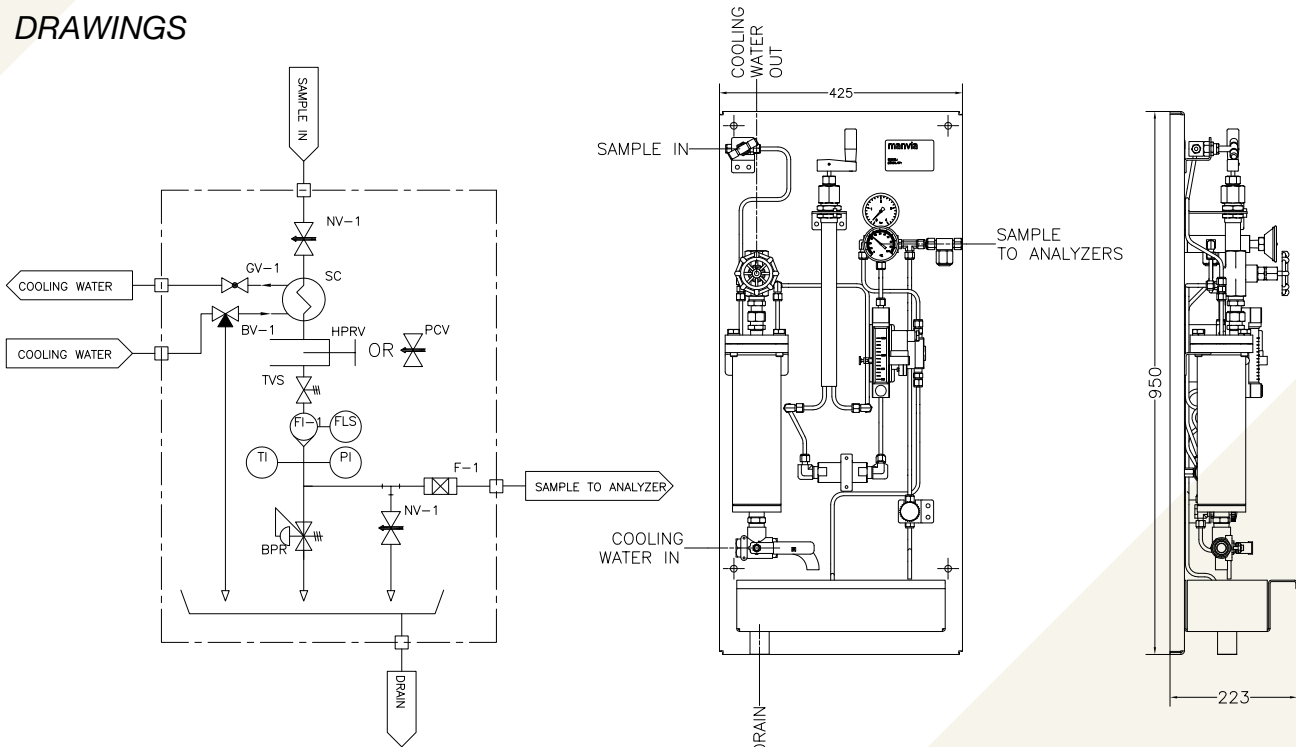
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STANDAR COMPONENTS

- Sample isolation valve 1/4"OD.
- Hot pipe protective insulation.
- Sample cooler valves.
- Pressure regulating valve (PCV or HPRV)
- Pressure gauge.
- Temperature gauge.
- Sample flow meter.
- Sample low flow alarm with SPDT contact.
- Thermal shut-off valve
- Sample cooler SC-2.
- Integrated manual sampling point.
- Sample outlet to analyzers 1/4"OD.
- Filter at sample outlet to analyzers.
- Back pressure valve.
- Sample drain sink.
- Mounting panel 304 stainless steel.

Note: For other components, see options in the configuration table.

DRAWINGS



CONFIGURATION TABLE

SINGLE PANEL	SP-2	--	--
Sample pressure. A.- Pressure up to 35 barg. B.- Pressure greater than 35 barg.			
Options 1.- Sample cooler SC-3. 2.- Sample cooler SC-4. 3.- Cooling water sight glass. 4.- High pressure drain valve. 5.- Low pressure drain valve. 6.- Floor stand.			