


-  Gas
-  Liquid & Slurry
-  Solid & Powder
-  Steam & Water

# SENTRY DCCP REBOILER

## Single Line Conditioning Modules

### SAMPLE CONDITIONING

The Sentry® DCCP Reboiler is designed to optimize the analytical results for degassed cation conductivity. First, the panel uses an oversized heater and baffled vapor discharge chamber, which assures complete boiling and provides a steam blanket over the sample to eliminate any sample contamination that might occur due to discharge piping backflow. The vapor is then condensed and removed via a vent drain. After the sample is degassed, it is cooled with an additional sample cooler so that chemistry deviations in analyzer temperature compensation curves are reduced.

#### MODEL

DCCP

#### BENEFITS

The Sentry DCCP reboiler is a complete panel that measures specific cation and degassed conductivity or any individual measurement needed. The custom analysis panels include degassed conductivity, dissolved oxygen (DO) and corrosion products sampling. The panel is designed to work with a wide variety of conductivity analyzers and provides simple and compact cycle chemistry validation.

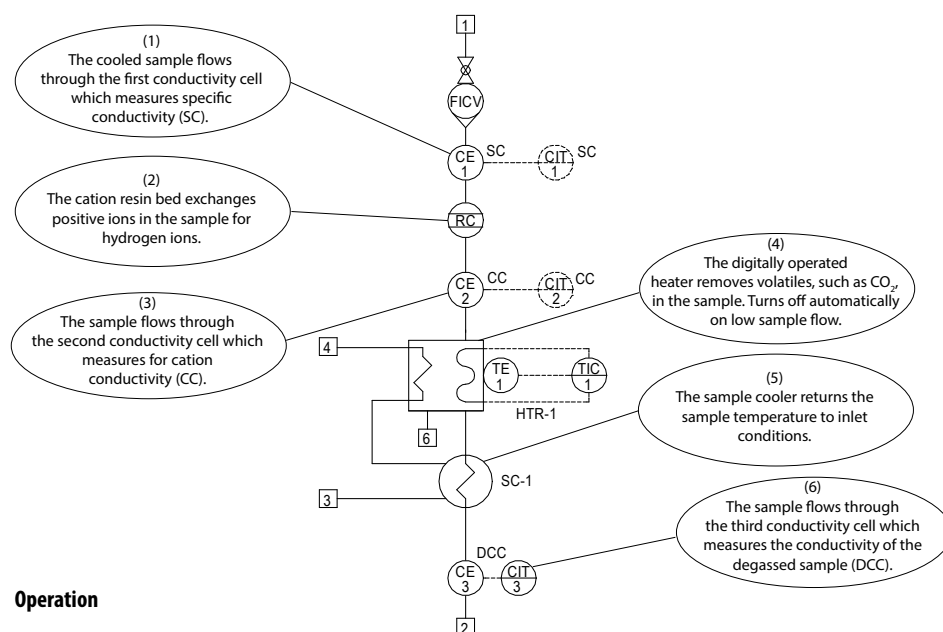
#### FEATURES

- Capable of measuring specific conductivity (SC), cation conductivity (CC) and degassed cation conductivity (DCC)
- Regenerative cooling option (no cooling water)
- Operates in accordance with ASTM D4519
- Sample cooler ensures CC and DCC probes receive identical sample temperatures, eliminating errors
- Compact wall-mount design
- Surface mount, backplate option
- CE, SGS and CSA available

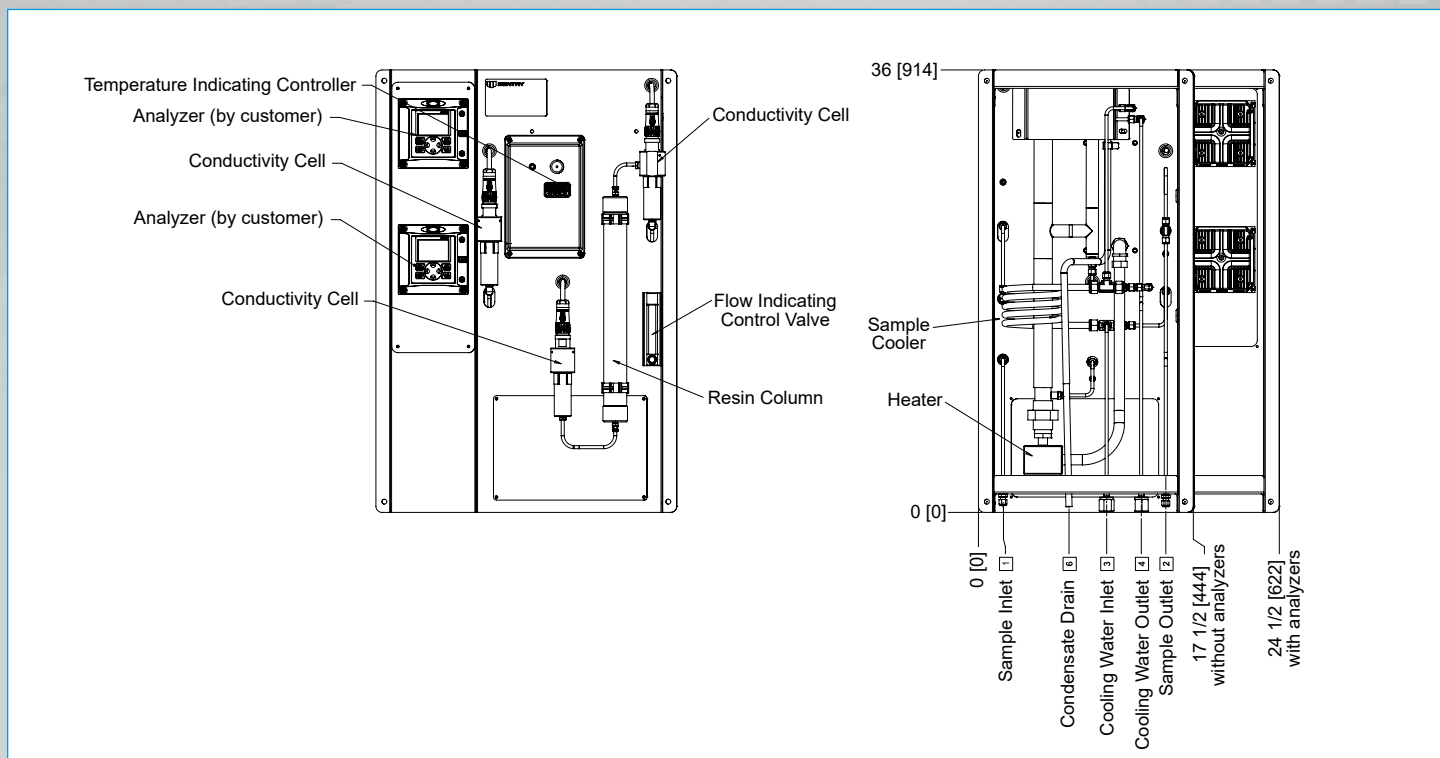


DCCP Reboiler with analyzer panel

NEW VERSION!!!



Sample. Monitor. Measure.  
**SENTRY**  
 Any Application. Anywhere.



SPECIFICATIONS			
<b>voltage</b>	<b>cell holders</b>	<b>flow indicator with valve</b>	<b>analyzers/probes</b>
1 = 110–120 VAC, 1 ph, 50/60 Hz 2 = 220–240 VAC, 1 ph, 50/60 Hz	0 = None 1 = DCC 2 = CC & DCC (with RC-100) 3 = SC, CC & DCC (with RC-100)	0 = none 1 = yes	0 = customer supplied 1 = supplied by Sentry Equipment
<b>dimensions</b>	without analyzer side plate: 36 x 17.5 x 15 in (91 x 44.5 x 38 cm) with analyzer side plate: 36 x 24.5 x 15 in (91 x 62 x 38 cm)		
<b>weight</b>	61 lb (28 kg)		
<b>pressure rating</b>	100 psig (7 barg)		
<b>temperature rating</b>	130°F (54°C) with RC-100 before degas		
<b>sample flow</b>	100–200 cc/min		
<b>sample inlet connection</b>	1/4 in tube fitting		
<b>sample outlet connection</b>	1/4 in tube fitting		
<b>sample cooler type</b>	DTC-DCCP		
<b>cooler cooling water connections</b>	1/2 in FNPT		
<b>cooling water consumption</b>	0.2 gpm (0.8 Lpm) at 22°C (71.6°F)		
<b>input power</b>	110–120/220–240 VAC, 1 phase, 50/60 Hz		
<b>power consumption</b>	1.6 KVA		
<b>cell holders (optional)</b>	3/4 in FNPT, 316 SS		
<b>resin column (optional)</b>	Sentry RC-100		

[sentry-equip.com](http://sentry-equip.com)

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