

LECOL LUCR Cation exchange resin column

Features

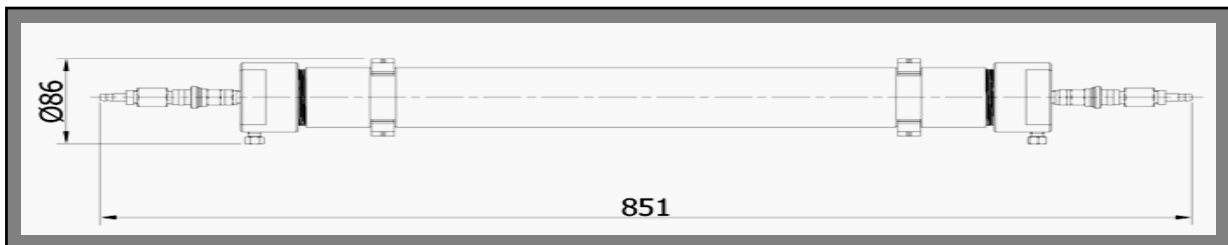
- ☆ Rugged design 316ss both end covers
- ☆ Quick release 316ss connector to make maintenance easier and faster
- ☆ Clear view through the Polycarbonate tube body, no PVC usage to prevent Chlorides leach
- ☆ Vent hole design to prevent air trap in the column and shorter the response time

Applications

The cation exchange resin column is used to detect some Anions which can only allow a small amount concentration (i.e. ppb) in the boiler steam/water circulating system. When the sample flows through the resin column, the cation are caught by the cation resin and Anion will transfer to its own acid which is much more sensitive and can be detected by a conductivity analyzer. Once the conductivity reading is higher than expected, it means that there are some leakage in the circulating system such as the steam condenser section which is using sea water for cooling in most of power plant.

Specifications

Model : LUCR
Material : 316ss - End covers & quick release connectors
Polycarbonate - Tube body
Connection : 6mm ID hose connector is standard, others are also available upon request.
Resin Volume : 950 mL - standard ; 1800 mL – optional
Flow rate : 100 ~ 300 mL/min (200mL/min recommended)
Maximum operating pressure : 7 kg/cm²
Maximum operating temperature : 75 °C



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