

LABORATORY IC

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CIC-D300+

CIC-D300+ is a new generation of intelligent dual-channel ionchromatograph. Each channel of it operates independently at the same time without mutual interference, realizing the simultaneous detection of cation and anion.

Highlights:



10 inch HD touch screen: real time display of flow path and operation status of the instrument.



The built-in eluent generator generates high-purity KOH and MSA eluent by electrolysis, which saves manual configuration time and completes more detection items by gradient elution.



Ultra pure online purification module: it can purify water online and reduce the water requirements of the instrument, so as to reduce the baseline background and improve the signal-to-noise ratio.



Suction sampling system: use peristaltic pump to suck samples to reduce cross pollution at the injection port;



The gas-liquid separator will remove most of bubbles entering the flow path, and the constant pressure and low pressure degasser will continuously remove the residual gas dissolved in water.



In the heating degassing unit, there is an integrated on-line vacuum chamber, which can remove the gas in the eluent on-line to make the experimental results more accurate.



Powerful safety assurance system: including eluent consumption alarm, liquid leakage alarm, low pressure alarm, overpressure alarm, fault alarm to reduce possible hurt by misoperation.