

Ion chromatograph with conductivity detection

Description/ parameters

The Eco IC ion chromatograph from Metrohm is used to determine anions in aqueous samples or aqueous extracts. The components are divided between stationary and mobile phase, subsequently their identification and determination of concentration is possible. The chromatograph is equipped with an autosampler for 36 samples.

It includes:

- 863 Compact IC autosampler
- pump, flow rate range 0.001–20 mL/min
- suppressor, conductivity suppressant
- conductivity detector IC, range 0–15000 $\mu\text{S}/\text{cm}$
- software MagIC Net 3.2

Usage/Services

The Eco IC ion chromatograph from Metrohm enables accredited analyses of selected anions (F^- , Cl^- , NO_2^- , Br^- , NO_3^- , PO_4^{3-} , SO_3^{2-} , SO_4^{2-}) in aqueous solutions. We also analyze the content of ClO_4^- in aqueous extracts of industrial fertilizers.

