

CYANIDE 8810 Analyser

■ Applications

The 8810 analyser main application consists of waste water control for industrial plants which manufacture or use cyanides :

- Steel industry
- Chemical industry
- Metal surface treatment

■ Methodology

Measuring principle :

Direct by CYANIDE ION SELECTIVE ELECTRODE

Measuring range :

0-1 mg/l. A titration method is used for concentrations > 1 mg/l (silver electrode/silver nitrate reagent)

Detection limit : 0.1 mg/l

Calibration solution :

sodium cyanide (NaCN)

Conditioning solution :

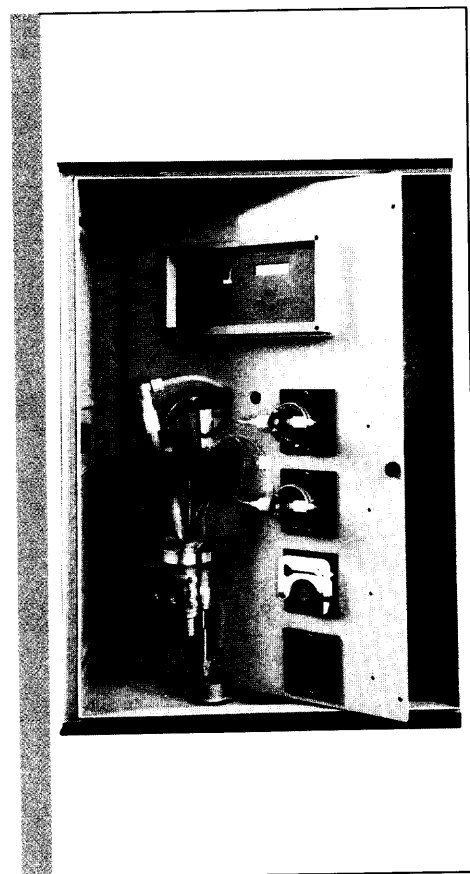
pH13 CONDISOL (alkaline solution + complexing agent)

Analysis frequency :

programmable - 1 analysis each 5 min. max

■ Advantages

- No sample filtration (if any suspended particles <1% and <1 mm)
- Immediate operating system - friendly programming
- Automatic temperature compensation (pt100) especially made for measurement by ion selective electrode
- Reactor cleaning after each cycle with water (and diluted acid if necessary) : electrodes' life is extended and manual reactor cleaning is occasional
- Automatic calibration by known additions : avoids any drifts
- Measurement by known additions possible : avoids matrix effects
- Low maintenance : quick reagent preparation and pump tubing replacement monthly



8810 INDUSTRIAL ANALYSER

CYANIDE

FOR A SAFER WORLD

z zellweger analytics



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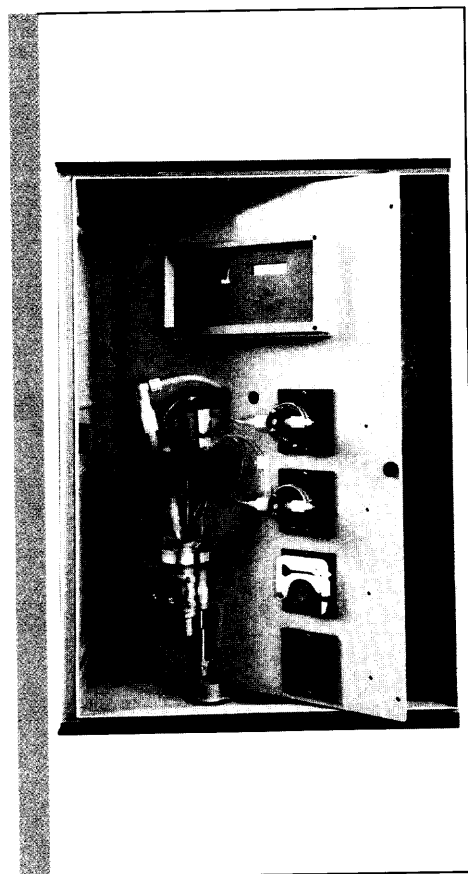
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