



Lab- and Field-Polarograph TEA 4000



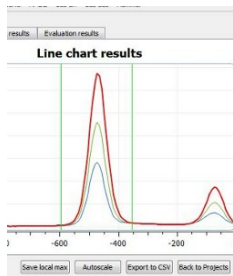
The **TEA 4000** is a compact analyser with small spare requirements which can be completely operated by a computer with the supplied measurement software.

A very reasonable purchase price and low operation expenses as well as the possibility to run off-grid with the optional battery pack makes the **TEA 4000** polarograph the best solution for trace analysis – in the laboratory,

in the factory and in the field.

Possible operational areas

- Quality assurance in
 - metal, electronic or chemical industry
 - food-production
- Environmental analysis: Investigation of waters and soil.
- Waste and process water monitoring.
- Ultra trace element analysis: Purity analysis in galvanic, metallurgy, etc.
- Tribodiagnostics in the engine industry.
- and other applications.



Product features

- Compact, minimum space requirements
- Low investment and operating costs
- Can be used without inert gases
- Very low detection limits in partial areas
- Easy sample preparation and short analysis time
- Simultaneous detection of more than one element possible

Optional

- **Field Module** for outdoor analysis

Measuring methods

- DC Direct current
- DCS Direct current stripping
- DP Differential pulse
- DPS Differential pulse stripping
- CV Cyclic voltammetry

Applications - examples

- Cations (heavy metals)
 - Zinc, Cadmium, Lead and Copper
 - Manganese and Iron
 - Arsenic
 - Chromium
 - Silver
- Anions
 - Sulfide, Sulfite and Thiosulfate
 - Chloride and Bromide
- Organic compounds
 - Vitamin C in fruit juice
 - Vitamin B2 (Riboflavin)
 - Vitamin B9

in liquid and solid samples (after digestion)

Downloads

Brochure

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Methods Manual

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