

Press Release

for immediate publication

Free monograph «Voltammetric analysis methods in electroplating»

Due to their high selectivity and low detection limits, voltammetric analysis methods are indispensable in surface finishing and PCB production. The application spectrum ranges from bath control to wastewater analysis. The present monograph is free of charge and provides a comprehensive overview of specific methods and also covers the determination of organic additives.



The first part of the monograph is dedicated to wastewater analysis in the galvanic industry using stripping voltammetric methods. Analytical methods for chromium, cyanide, nickel, cobalt, zinc, cadmium, lead, copper, tin and the complexing agents EDTA and NTA are described. Since wastewater almost always contains organic compounds, samples must be pre-processed prior to analysis. For this purpose, the authors recommend UV treatment using Metrohm's 705 UV Digester.

The second and more comprehensive part of the monograph addresses the voltammetric analyses of galvanic baths. The authors provide a systematic overview of the different bath types for each element as well as their primary and secondary components. The most important analytical methods are subsequently presented step-by-step. The practical value of the book is further enhanced by numerous references to other cost-free publications (application bulletins, application notes).

Get a comprehensive overview of voltammetric analysis methods in surface finishing by ordering your free personal copy at your local Metrohm agency.

Image: 2996_s.jpg

Weblink: news.metrohm.com

Keywords: Surface finishing, galvanics, electroplating, voltammetry, coating

Branches: PCB production, surface finishing, electronics industry,