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The invention relates to the process for automatical regulation of the galvanic-chemical metall coatings deposition and may be used in machinery and instrument engineering for providing the conditions of lower - and wasteless technique of the electrochemical enterprises.

The summary of the invention consists in the fact that in process of automatical regulation of electrolytes low-concentrated solutions for nickel-phosphor coatings electrochemical deposition, consists in the electrolyte samples selection at the continuous filtration, components concentration control, obtained values comparison and measuring out of exhausted salts correction solutions, the microflows are separated from the main filtering electrolyte canal before and after correction solutions introduction used further as control solution, the first of them is subjected after control to the processing in the high frequency currents field on the meshed catalyst, microfiltration and further control, by that the nickel ions concentration is controlled by optical density measuring at the absorption band length $\lambda=632$ nm.

The technical result consists in increasing the regulation process of the nickel-phosphor coatings electrochemical deposition from the low-concentrated fast exhausted electrolyts.