

Electroplating is a process by which the counting medical is deposited on the base medal by passing direct aurent through the electropytic solution containing the soluble salt of the counting metal

The anticle to be electroplated is first treated with organic solvent to remove any grease on oil It is then treated with dilute HCL on H2504 to premove any, scales on oxide layer. The clean article is made the carthode of the electrolytic cell. The anode is either the coating metal or an inext material like graphite. The electrolyte is a solution of a solutile salt of the coating metal. The electrolyte is a solution of a solutile salt of the coating metal. The electrolyte is a solution of a solution is kept in an electroplating tent, where anode & cathode is dipped. When

direct current is passed, coating metal ions miguel to the cathode and get deposited there a thin layer of coating metal is obtained article made as the cathodic Electroplating of Chromium The article to be coated with chromium is birms given an under coat of copper on nickely bein chromium plating is pronous and non adherat. Chromium anodes are not employed because they become possive in acid medium and deposite on anticles is because thromium anodes enlarge in large concended of chomium Plating both : Chromium acid + Hy soy [100:1] Operating temp. : 40-50°C Current: 100-200m A/cm2 Anode: Lead (2010) and and mony alloy Cathode: Anacle to be plate anticle to be plated C9 20/6) Eundimay allog [100:1] chromic acid+HZSUY