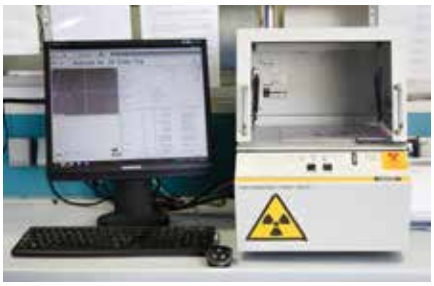
Inspection Plating

PLATING

PLATING INSPECTION		
INSTRUMENT		**LEVEL**
Metallic coatings thickness; Elemental composition of coatings	X-ray fluorescence spectroscopy (Fischerscope X-Ray XULM)	0-12,5um D=0,01um
Measure of the plating thickness (preparation of the samples; potting of the sample, cross sectioning; measure with microscope)	NIKOM LV150NL (1000x)	D=0,01um
Nonconductive coatings thickness (cataphoresis, painting) on non-ferrous metals, iron or steel	Magnetic inductive/Eddy current measurement instrument (Dualscope FMP20)	0-800um D=0,01um
Elemental composition of metal alloys/solutions	ICP-OES (Agilent 5110)	ppb
Copper sulfate test	N/A	N/A
Elemental composition of plating bath solutions	AAS (PerkinElmer PinAAcle 900T)	ppm

Our chemical plating lab can analyze your coating and help to ensure the correct formulation of the galvanic bath.



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