

X-ray fluorescence analysis
equipment specialized company

X-ray Fluorescence Analysis and 2D /
3D Imaging Analysis Equipment Specialized Company

ISP CO., LTD.

www.ispXRF.com

XRF / Plating Thickness Analyzer / Component Analysis



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ISP Co., Ltd. is a leading supplier of non-destructive inspection equipment using X-ray fluorescence analysis technology.

Our company's products and technologies help customers improve their product quality, performance, and core manufacturing processes.

The business segments are materials analysis, plating thickness analysis, RoHS, WEEE, ELV compliant screening and in-line analyzers.

We approach our work with the clear goal of manufacturing "Innovative Solution Provider Products" for our customers.

CEO *Jerry*



- 2022

Opened Dongtan Office (Geumgang Pentarium)
Started CMP Metal Thickness Measuring Instrument Development
- 2021

X-ray fluorescence analysis System and method for continuous printout thickness measurement (Patent application number 10-2021-0016625)
iEDX-850T (Developed In-Line Pt Measuring Instrument)
- 2020

X-ray fluorescence analyzer (Patent application number 10-2020-0054843)
Variable X-ray generator using X-ray focusing optical system (Patent application number 10-2020-0054847)
Development of uranium analyzer (iEDX-150M) and export of IAEA (Austria International Atomic Energy Agency)
- 2019

Designated as a high-tech company (No.168)
Capital increase: KRW 525 million
- 2018

Designation of promising export SMEs (No.14, 16, 18 Jeonbuk-01)
Headquarters relocation: 1st floor, 109 Wonmanseong-ro, Deokjin-gu, Jeonju-si, Jeollabuk-do (Palbok-dong 2-ga)
- 2017

Developed iEDX-750T (Automated Plating Thickness Analysis Equipment)
XRD (30kV, 5mA) production licensed
- 2012

Developed measuring instrument dedicated to plating thickness (iEDX-150WT)
Contactless thickness measuring device using fluorescence X-ray (Patent No.10-119050)
DPP (Digital Pulse Processor) Localization Development
MCA (Multi-channel Analyzer) Localization Development
- 2004

Development of X-ray Fluorescence Analyzer
Establishment of affiliated research institute
Establishment of company

iEDX-120A

RoHS / Hazardous Materials Analyzer



- RoHS / Halogen Free
- Simultaneous Multi-Element Analysis
- Non destructive testing that does not require a pretreatment process
- Configuration
 - Sample Cup: 10 EA
 - Mylar Film: 1 Roll
 - USB Memory(Driver): 1EA
 - Manual: 1 EA
 - USB Cable: 1 EA
 - X-Ray Lock Key: 1 EA

Description	
X-ray Tube	Rh/W Target 50kVp, 1mA
Detection System	SDD
Collimator	RoHS: 4mm HalogenFree: 4mm Auto Change
Detection Element	RoHS: Al(13)~U(92)
Sample Type	Solid / Liquid / Powder
Size(WxDxH)	Product: 500x550x430 Chamber: 430x290x140
CCD X	10~15X
Safety	3 Point Interlock
Report Type	Excel, PDF, Custom Form
Option	10Ch Auto Sampler / Standard Specimen
Hazardous Material	Cr, Br, Cd, Hg, Pb, Cl, Sb, Sn, S