



## High Definition X-Ray Fluorescence Spectrometer E-find





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### E-find

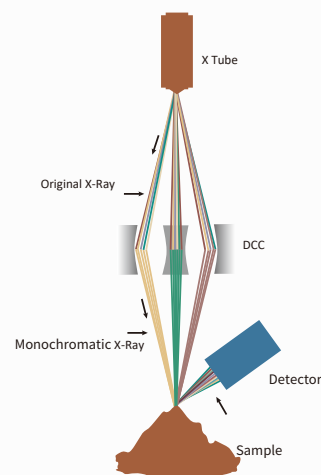
#### Product Features

- Non-destructive analysis with high accuracy
- Test with rotators
- Test mode: scanning mode, quantitative mode
- Easy operation, suitable for outdoor and indoor analysis
- Data transport: bluetooth、WIFI、USB

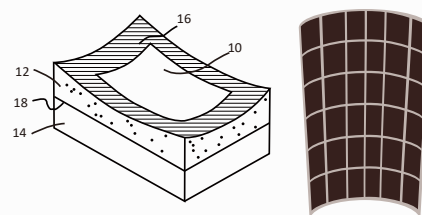
#### Technical Advantage

By using HDXRF technology, configured with double curved crystal, E-find is a Monochromatic excitation energy dispersion XRF with very good SNE. Using FP method, E-find has better accuracy and lower LOD. As shown:

#### HDXRF Principle



#### DCC Crystal



#### Applications



Water Analysis



Food Safety



Alloy



Mineral Analysis



Soil Analysis



Precious Metal

## Sample Analysis

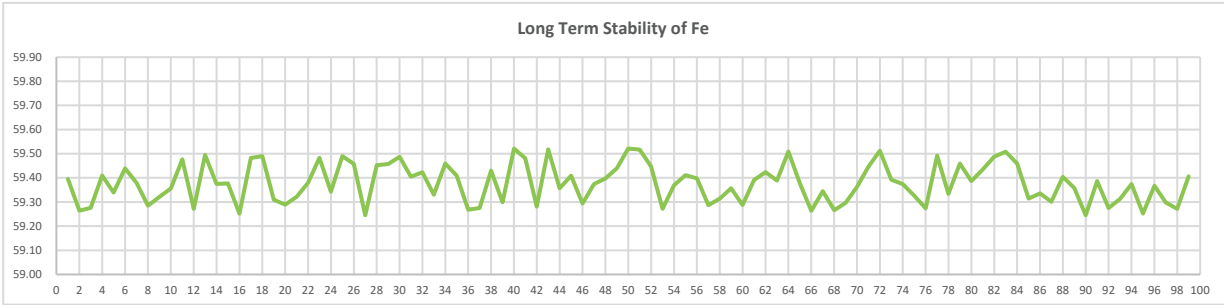
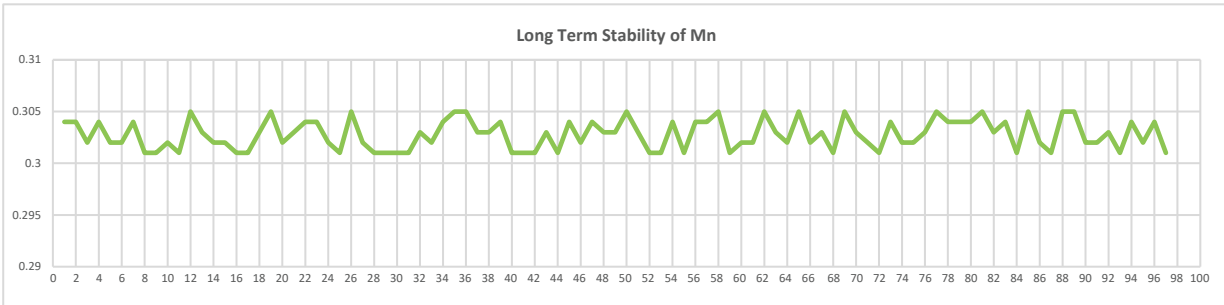
### Refined Iron Powder

E-find has a very good performance in mineral analysis, for both major and trace elements.

Sample-iron Powder	E-find	Titrimetry
Sample 1	64.96	65.27
Sample 2	66.10	65.62
Sample 3	56.71	57.2
Sample 4	65.14	65.41
Sample 5	65.00	65.55
Sample 6	64.55	64.36
Sample 7	62.35	62.81
Sample 8	64.71	64.64
Sample 9	63.56	63.45
Sample 10	66.44	66.63
Sample 11	66.25	66.56
Sample 12	66.50	66.57
Sample 13	66.29	66.8
Sample 14	67.32	67.5
Sample 15	67.05	66.9
Sample 16	67.08	67.17
Sample 17	66.44	66.44
Sample 18	66.97	67.44
Sample 19	65.91	65.9
Sample 20	66.59	66.33

## Technical Specification

Type	E-find
Test Mode	Scanning mode, Quantitative mode
Sample	Liquid、Powder、Alloy
Principle	HDXRF
Elements	Around 40 elements (Fe、Mn、Zn、Pb、Au、Ti)
Curve	Mining、Food、Water
Source	50kV,1mA
Detector	Fast SDD
Optics	DCC
Test time	30s-1200s optional
Temperature	-5 °C~50 °C
Power	110-240 VAC, 50-60 Hz;
Weight	11Kg
Dimension	LxWxH: 320 mm x 250 mm x 275mm



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佳 谱 科 技



**中国环境监测总站**  
China National Environmental Monitoring Centre



**中国科学院**  
CHINESE ACADEMY OF SCIENCES



**环保部南京环境科学研究所**  
Nanjing Institute of environmental science, Ministry of environmental protection

**湖南省水稻研究所**  
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**西北农林科技大学**  
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**陕西省环境科学研究院**  
Shaanxi Provincial Academy of Environmental Science

# JP SCIENTIFIC

## Safety and Healthy in High Definition X-Ray

JP scientific is one of the leading manufacturer of X-Ray analyzer in the world, providing customers with a variety of elemental analysis solutions. It aims to improve the analysis efficiency of coal chemical industry, petrochemical industry, geology and minerals, food safety, industrial analysis and environmental safety, and provide customers with more sensitive, faster, more accurate and more reliable detection methods.

**SuZhou JiaPu Technology Co., Ltd**

🏠 Room 101, building B1, No. 192, Tinglan lane, Suzhou Industrial Park, Suzhou, China

☎ 400-080-8265

✉ [service@jp-scientific.com](mailto:service@jp-scientific.com)