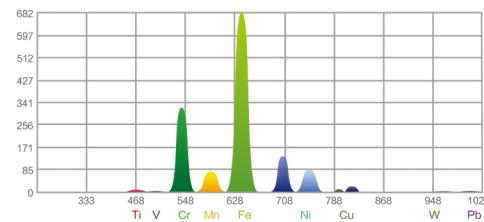




Product Features

- 01 The instrument is light, small and portable, which can provide fast and nondestructive analysis to samples on site.
- 02 High-definition camera system can accurately position the test areas of samples.
- 03 SD card with large capacity is usable in it and there is no limit for the storage of data.
- 04 It directly aims at the plane for the test, and pre-processing is not needed for the test of samples.
- 05 Excitation source will be closed automatically for air test.
- 06 Large amounts of alloy grade databases are integrated in the software and they can be added automatically according to the demand of users.
- 07 Maximize the stability by selecting mode so as to ensure good test results.
- 08 The analysis is rapid and more accurate, which can be comparable to laboratory results.
- 09 The preparation for site analysis is rapid, and it only costs tens of seconds for one test, which obviously saves time and money.
- 10 The instrument and software operation is simple.



Standard Values and Measured Values of Stainless Steel Marks											
316	Ti	V	Cr	Mn	Fe	Ni	Cu	Mo	W	Nb	Pb
Standard Values	0.320	—	17.070	1.14	—	12.100	0.073	2.920	0.97	—	—
Measured Values	0.430	—	17.216	0.974	—	11.783	0.082	2.729	0.680	—	—

# EDX P3000

Handheld X-ray Fluorescence Spectrometer

Technical Parameters

Scope of Measured Elements	Na-U	Simultaneous Detection of Elements	Simultaneous analysis of dozens of elements
Scope of Measured Content	ppm~99.99%	Detection Objects	Solid, liquid and powder
Test Time	3-60 seconds	Service Time of Battery	Rechargeable lithium battery, the maximum capacity of battery is 7800mAh and it can continuously work for 8 hours.
Resolution of Detector	129±5eV	Detector	25mm2, SDD detector
Detection Limit	The minimum detection limit reaches ppm level.	Detection Window	Φ12mm
Processor and Memory	CPU: 667MHz, Memory 256M, extended storage supports 32G at a maximum, and the standard configuration is 2G.	Data Transmission	Digital multichannel technique, SPI data transmission, rapid analysis, high technique rate
Excitation Source	50KV/100μA miniature X-ray tube with the integration of Al and end window, and high voltage power supply	Collimator and Optical Filter	Diameter of 2.0mm, 3.0mm and 4.0mm collimator, 6 optical filter combinations can be switched automatically, with a total of 18 combinations.
Display Screen	3.5 inch transreflective LCD	Video System	High-definition camera
Inflatable System	Helium filling system in normal pressure	Security	Built-in password administrator mode, data can be stored at random.
Temperature of Operational Environment	-20℃~+50℃	Humidity of Operational Environment	≤90%
Outline Dimension of Instrument	284mm*387mm*45mm	Weight of Instrument	1.5Kg (without battery), 1.8Kg (with battery)

Application Area

01 Identification of Alloy Materials

02 Recycle of Scrap Metal

03 Quality Control in Mechanical Manufacture

04 Test of Heavy Metal in Soil

05 Sorting of Mineral