

# HTek x-ray

## EDXH500

EDXRF SPECTROMETER  
Metal and Alloy Analyzer



SIMPLY THE BEST  
HTek Instrument Co.,Ltd

Add: Room313, Tower C, Building 5, NO.117 Zhujiang  
Road, National New & Hi-Tech Industrial Development  
Zone Suzhou, P.R.China  
Tel: 86-512-68183293  
Fax: 86-512-68183263  
E-mail: sales@htek-instrument.com  
Web: www.htek-instrument.com

Extraordinary performance of lightweight handheld XRF spectrometer  
Htek provide fast, non-destructive and accurate XRF analyzer  
to meet your analytical requirement



HTek Instrument Co.,Ltd



HTek仪器有限公司  
HTek Instrument Co.,Ltd

# EDXH500

Handheld X-ray fluorescence spectrometer



## Product Features

- >01 Compact design makes it perfect for field non-destructive analysis
- >02 High resolution build-in camera provides point to point test function
- >03 Large memory SD card
- >04 Standard Fp calibration optimize the best accuracy
- >05 User friendly software interface. Extremely easy to use
- >06 Fast analysis. 1 second for qualitative analysis, 10 seconds for quantitative results.
- >07 No sample preparation needed before measurement
- >08 X-ray protection design. X-ray auto shut down at accident
- >09 High intelligence software can auto identify sample material
- >10 Optimized hardware configurations proves the highest stability and accuracy.

## Technical Parameters

Alloy application mainly includes the metal base: Iron base alloy, Titanium base alloy, Nickel base alloy, Copper base alloy, Zinc base alloy, Tungsten base alloy, Zirconium base alloy, Tin base alloy, Aluminum base alloy, Cobalt base alloy and etc.,

Element Range	Mg-U
Multi-Elements analysis	More than 20 metals can be analyzed simultaneously
CPU And memory	CPU 667MHz, memory 256M, 2G
Content Range	2ppm-99.99%
Measuring Time	3-60 seconds
Battery Working time	7800mAh Li battery works continuously more than 8 hours
Sample Type	solids, powders and liquids
Detector	25mm <sup>2</sup> SDD detector
Resolution	129 ± 5ev
X-Ray Source	50KV/100uA silver target beryllium window x-ray tube
Collimator And filter	2mm,3mm,4mm collimators and 6 different filters. 18 different combinations in total.
Camera	High resolution sample camera
Sample Test window size	12mm
Helium Purge kit	Helium purge gas system for light metal analysis
Data Analysis	DMCA module, SPI data transmission.
Operation Humidity	<70%
Operation Temperature	-10-45 ° C
Instrument Size	284mm*387mm*45mm
Weight	1.8kg with battery included