

## ТЕХНИКИЙН ТОДОРХОЙЛОЛТ

### ГЕОЛОГИЙН ХАЙГУУЛЫН ҮЕИЙН ЭРДЭС ШИНЖЛЭГЧ XRF /analyzer/ ЗӨӨВРИЙН БАГАЖ

- Захиалагчид нийлүүлэх төхөөрөмж нь үйлдвэрлэлийн болон механик ямар нэгэн согог гэмтэлгүй, зориулалтын хайрцаг, дагалдах хэрэгслүүдтэй байна.
- Шаардлагатай үед үйлдвэрлэгчээс гарсан эвдрэл гэмтлийг түргэн хугацаанд сольж өгөх нөөцтэй байх, засварлаж өгнө.
- Олон улсын бүтээгдэхүүний чанарын ISO болон CE стандартын шаардлага хангасан үйлдвэрлэгчийн албан ёсны эрхтэй борлуулагчийн гэрчилгээтэй байна./Нотариатаар баталгаажуулсан хуулбар болон орчуулсан хуулбарыг ирүүлнэ/.
- Ашиглалт болон ажиллагааны заавар Монгол хэл дээр байна./Ашиглах заавар, ажиллах зарчим, аюулгүй ажиллагааны санамж гэх мэт/

### Instrument specification

- Weight: 1.6Kg (with battery)
- Dimensions: 254 x 79 x 280mm
- Detector: SDD detector
- The ARM architecture Cortex-A8 1 GHZ
- System Processor: The Android 4.2 operating system/80MHZ ADC digital pulse processor/4096 MCA channel , 32GB memory
- Display: Industrial resistive touch screen with screen size of 4.3"
- Data storage: Built-in 32gb memory, 300,000 spectral data and spectrum can be stored
- Operating Temperature: -20°C~+50°C
- Operating Humidity: ≤90%
- Limit of Detection: PPM
- CPU: 1GB
- RAM: 1GB
- 15 seconds reading time
- GPS, WIFI: integrated into the system
- Battery: lithium battery, which can be loaded with a maximum capacity of our 6800Ah can operate continuously for 8 hours; Equipped with high voltage (110V-220V) adapter, can work under current alternative
- Sensor resolution: solid, liquid, powder
- Sensor resolution: low resolution can be 139eV
- Excitation source: 40KV / 100mA-Ag window miniature tube anode X of light and high voltage source
- Collimator and filter: sights of 4.0 or 2.0 of diameter, automatic switch of 8 filter. 12 kinds of groups, plus mode consisting of world, can satisfy different types of tests of samples
- Display: touchscreen TFT - LCD, resolution of 640 \* 480.
- Protection against water, dust and shock
- Test window: 12mm.
- Charging system gas: Helium charging system of ordinary pressure.
- Security: standalone password manager mode.
- data transmission: digital multi-channel technology, the transmission of data SPI, a quick scan, count rate, waterproof miniature USB, which can be connected to the desktop computer.

## Technical parameters and specifications

Weight	1.6Kg(with battery).
Dimensions	254 x 79 x 280 mm(L x W x H).
Excitation source	50KV/200 $\mu$ A maximum pipe pressure pipe flow can be adjusted freely,Agtarget (standard),Au,W,Rh target(optional).
Detector	SDD detector
Range of detection	All elements between Mg and U.
Display system	Industrial resistive touch screen with screen size of 4.3". Proprietary operating system software and sound waves. Multiple languages including English and Chinese. And it automatically adjusts display brightness according to the environment brightness.
Data processing	32GB memory USB, bluetooth, WIFI, or linked to the Internet; instrument can be configured and repaired remotely. Data can be exported via EXCEL or PDF. Users can customize the reports by adding their company logos, addresses, test results, spectrum and others (such as product description, origin and batch number).
Heat dissipation	Equipped with a dedicated T-shaped radiator to dissipate the heat;no need to wait for cooling of detector time again.
Safety	Built-in double beam technology can automatically sense whether there is a sample at the measurement window. This is also a safety and protection feature. Waterproof, dust-proof and shockproof suitcase Drawell Safety Band;
Power supply system	Intelligent battery management through MSBUS bus, real-time monitoring of the residual capacity of battery and backup battery. The battery complies with air transport regulations of dangerous goods. A single battery can last 8 hours.