

PO100 Oil Spectrometer



高稳定 高性能 尺寸紧凑



SOOHOW INSTRUMENT SUPPORT
HIGH-END MANUFACTURING IN CHINA

SOOHOW

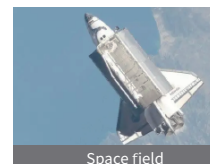
THE PERFORMANCE CHARACTERISTICS OF

- The test method and accuracy meet the test standards of ASTM D6595, ASTM D6728, NB/SH/T0865-2013 and HB20094.1-2012
- Patented digital arc light source, solid-state source excitation, to ensure constant current source frequency output, no need to periodically clean or clean excitation source error
- High resolution solid state CCD sensor optical system, a single pixel 3648 bits, pixel size 8*200μm, higher pixels, can detect more effective spectral intensity
- The spectral analysis application software based on Windows system can run in Windows7, Windows10 and other systems, integrating instrument control, data management, qualitative and quantitative analysis functions
- A single benchtop instrument, a computer system and a motor grinder are built into the instrument, making it small in size and easy to transport
- Short heat engine time, high reliability, suitable for ship environment
- Without argon, oxygen and other chemical solvents, the oil sample can be tested directly in the sample cup without pretreatment
- Built-in scanning gun, Bluetooth communication module and 485 communication interface, no additional configuration required
- Built-in electrode grinder for easy operation

APPLICATION FIELD



Military field



Space field



Electric power industry



Transportation industry

TECHNICAL SPECIFICATIONS

Project	Data
Power Supply:	AC220V±10%, 50-60Hz
Ambient temperature:	0°C~55°C
Test time:	30 s
Optical structure:	Paschen-Runge structure, Roland circle device
Optical focal length:	500mm
Spectrum line range:	190-800 nm
Detector:	CCD
Detection limit:	<1ppm
Size:	770mm*360mm*540mm (length * width * height)
★ Weight:	About 78 kg
Detection elements:	Regular 24 elements, up to 32 can be expanded
Measuring range:	0~6000ppm