

## OIL8000 RDE-OES Elemental Analyzer



S/N	Element	Detectionrange	S/N	Element	Detectionrange
1	Fe	0-1000	13	Ba	0-6000
2	Cr	0-1000	14	P	0-6000
3	Pb	0-1000	15	Zn	0-6000
4	Cu	0-1000	16	Mo	0-1000
5	Sn	0-1000	17	Ti	0-1000
6	Al	0-1000	18	V	0-1000
7	Ni	0-1000	19	Mn	0-1000
8	Ag	0-1000	20	Cd	0-1000
9	Si	0-1000	21	Sb	0-1000
10	B	0-1000	22	Li	0-1000
11	Mg	0-6000	23	Na	0-1000
12	Ca	0-6000	24	K	0-1000

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### FEATURES & BENEFITS

- The test method and accuracy meet ASTM D6595 test standard, ASTM D6728 test standard, NB/SH/T0865-2013, HB20094.1-2012 test standard;
- The ultra-long focal length design guarantees the instrument has good resolution
- High detection accuracy, detection limit is less than 1ppm
- The sample test speed is fast, and the single test process is less than 30 seconds
- The use and maintenance of the instrument is simple and convenient, and the professional requirements for personnel are low
- The sample does not need to be pre-treated, no chemical reagents are used, and the test process is safe and environmentally friendly

### APPLICATION FIELD



### TECHNICAL SPECIFICATIONS

Project	Data
Optical system	High-performance holographic diffraction grating with 2700 grating lines/mm Focal length: 500 mm The spectral line wavelength: 190-800 nm is determined by the choice of diffraction grating.
Spark power supply	Control, electronic acquisition and data readout systems It has the function of microprocessor-controlled multi-channel integration and data collection system High-speed 16-bit analog-to-digital converter SP Mixed Signal Flash Microcontroller 100MHz
Analysis software	High-speed readout and high-speed USB interface support fast data control and processing systems Create or modify analyzers Common operation function keys The results of elemental analysis beyond the range of the working curve can be marked Print all excitation results or the average result of up to 100 excitation, along with standard deviation and relative standard deviation
Power source	220V +/- 10%, single phase, 50/60 Hz, 10 A, 1.5 KVA
Size	810mm*500mm*675mm (length * width * height)
Weight	About 52 KG