

DW-Cube-100S Portable Energy Dispersion X- ray Fluorescence Spectrometer

The new Cubel00S Portable Energy Dispersion X ray Fluorescence Spectrometer is designed for the onsite analysis of Sulfur in oils. This model fully meets onsite elements test in oils for the raw materials, production control and finished products inspections.

Features:

Small size and easy to carry

Net weight: 4.5 Kg. The instrument is convenient to carry.

The operator can perform the onsite analysis at anytime and anywhere.

PDA

Built-in PDA with the professional software for easy operation.

Power indicator

Green indicator is on when the machine is power on.

Red in the indicator is on when the machine is testing.

With the built-in camera

The sample image can be saved and put into the testing report.



Parameters

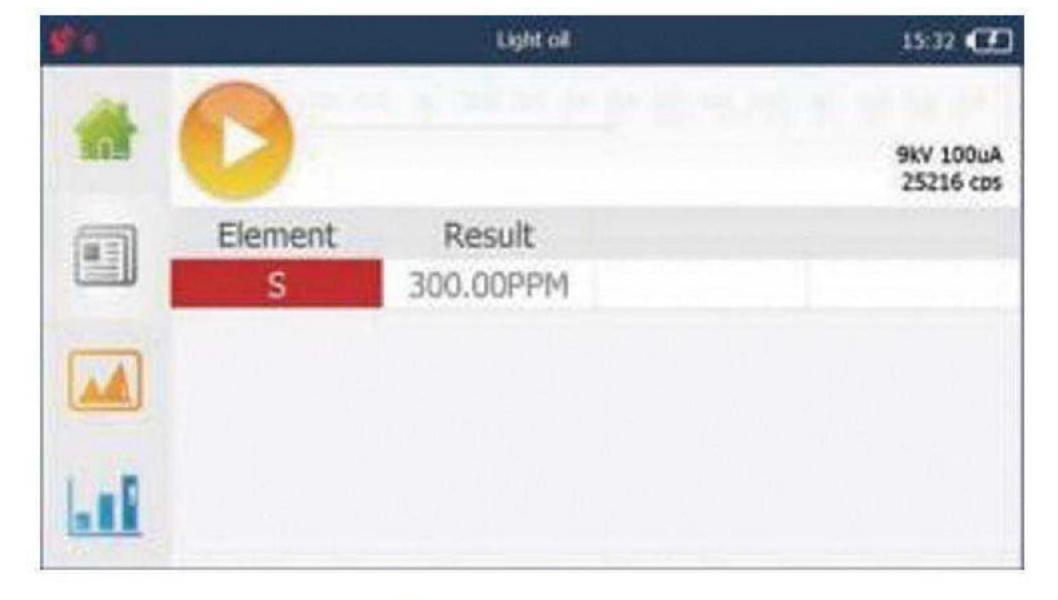
Measurement range	From P to U
Testing samples	Solid, liquid and powder
Content range	30ppm—99.99%
Testing method	EDXRF
Detector	SDD detector, the lowest resolution reach to 125eV
Working Temperature	-20°C ~ +50°C
Humidity	Humidity
Detection limit	Detection limit
Operation	Operation
Testing time	Testing time
Size	Size
Weight	Weight

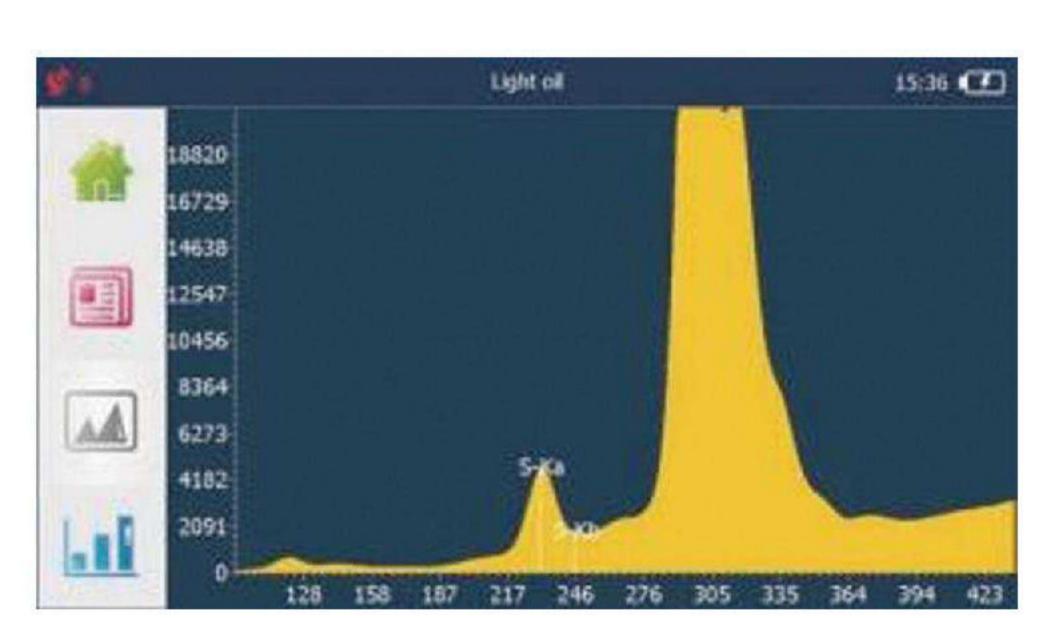
Configurations	
Detector	SDD detector
X-ray tube	4W micro X-ray tube
Collimator	Φ4mm
Sample Chamber	X-ray from bottom
Radiation Safety system	The high voltage will be off when open the machine lid
Sample placement	reusable membrane sample cup, testing sample directly
Report print	by EXCEL file or portable Bluetooth printer (optional)
Carrying case	Multi-function instrument protection case, convenient for carrying

Testing Result

After testing, the data interface will show up.

The data interface includes the testing results and statistics.







Result

Spectrum

Statistic

Fully meet IM02020 shipping Fuel S max 0.5% standard, which going to carry on 1st JAN, 2020 Year.

Fully meet MARPOL international Convention on shipping Fuel Oil Regulation IS08217-2010 for S analyzer.