



Sulphur Content Tester

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X-Ray Fluorescence Sulfur in Oil Analyzer LST-A10

Labtron LST-A10 is incorporated with self-diagnostic function and electromagnetic integration. It is designed according to International Standard ASTM D4294 and ASTM D7039 for repeatability, reproducibility.

Features

- ▶ Microprocessor controller
- ▶ Large screen LCD display
- ▶ Rapid and convenient
- ▶ Save large quantity of test data

Applications

It is used to determine mass% of total sulfur in the crude petroleum, petroleum, heavy oil, diesel oil, gasoline and naphtha. It can be used to determine total sulfur content in the products of coal chemical industry such as primary benzene and other liquid or solid powder samples.

Specification

Model No.	LST-A10
Sample quantity	2 to 3ml (It is equal to sample depth of 3 mm to 4 mm)
Measurement time	60, 120, 240, 300, and 600s at random
Measurement range	7ppm to 5%
Repeatability	<0.029 (S+0.6)
Reproducibility	<0.063 (S+0.6)
Temperature	5 to 40°C
Relative humidity	≤85% (30°C)
Power supply	AC 220V±20V, 50Hz
Rated power	30W
Dimensions	468*368*136mm
Weight	13kg

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Dark Petroleum Products Sulphur Content Tester (Tubular Oven Method) LST-A11

Labtron LST-A11 is equipped with intelligent controlling system to control determination time, oven movement and alarm system automatically. It is designed according to International Standard ASTM D1551 "Test Methods for Sulfur Content of Dark Petroleum Products" (Tubular Oven Methods).

Features

- ▶ Oven temperature controller
- ▶ Highly efficient, accurate and reliable
- ▶ Can determine 2 samples at the same time

Applications

It is used to determine sulfur content of dark petroleum products

Specification

Model No.	LST-A11
Air flow rate	Not less than 150L/h
Max. Preset time	99min 59s (100min)
Chamber diameter of oven	Φ22mm
Heating power of oven	1400W×2
Max. Temperature of oven	950°C
Power supply	AC 220V±10%, 50Hz
Dimensions	720*620*630mm, 560*410*670mm, 820*500*290mm



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