Mercaptan Sulfur Tester LD-LMST-A10

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Overview

Mercaptan Sulfur Tester LD-LMST-A10 determines mercaptan sulfur content present in petroleum products with help of the computer. This detection method is based on principle of Potentiometric titration method. It offers 0 to ±1999.5 Mv potential measuring range and 3 to 100 ?g/g (ppm) Mercaptan sulfur measuring range. It ensures the accuracy of the results by titration curve smoothing and titration end position correction. It is used in laboratory, analysis room and petrochemical research departments of the ideal of the necessary device. Mercaptan Sulfur Tester detection method meets the international standard ASTM D3227.

Features:

- The Sulfur detection method is based on principle of Potentiometric titration method
- Potential measuring range is from (0 to ±1999.5) Mv
- Offers real-time display of the titration curve can print and store the titration curve
- The automatic degree is high and accurate results
- Automatic cleaning and constant liquid
- The device can do the all functions automatically
- Titration apparatus adopts imported key components (Metrohm)
- Designed with dual high impedance input, the electrode potential stability and reliability
- Stable and reliable performance, low noise
- Mercaptan Sulfur Tester detection method meets the international standard ASTM D3227

Applications:

Mercaptan Sulfur Tester is used to automatically determine the end point, without indicator and suitable for a variety of petrochemical products in the light and dark oil basic nitrogen analysis. The titration results and automatic data storage, automatic printing, and can provide a complete analysis of titration data for use.

Specifications:

Dimension	260 × 380 × 400 mm (PC is not included)
Precision	r = 0.00007+0.027 X1 [X1 is the mean value of two test results., %(m/m)]
Net weight	8 kg (PC is not included)
Power supply	AC 220V±10V, 50Hz ±0.5Hz
Titrating time	(60±20) s (F•S)
Input impedance	Ri ?1 × 1012 ?
Intrinsic error	0.1 % ±0.5 mV
Burette accuracy	±0.1 % (F•S)

Burette capacity	10 mL
Power consumption	300 W
Relative humidity	? 85 ?
Ambient temperature	10? to 40?
Potential measuring range	(0 to ±1999.5) Mv
Mercaptan sulfur measuring range	(3 to100) ?g/g (ppm)