

Coulometric Karl Fischer Titrator LD-LWT-A31

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Overview

Coulometric Karl Fischer Titrator LD-LWT-A31 is a benchtop unit with 5 to 40°C ambient temperature range, 3 µg to 9999.9 µg measurement range, and offers 400 mA maximum current. Excellent low-power operation makes it possible to compact battery, enables portable function criterion for measuring electrode signal for the electrolysis end. Its stability and accuracy are key factors affecting the measurement accuracy. Designed with streamline and 5 inch coloured touch screen with standard testing method used ASTM D4928, ASTM D1533 and ASTM D6304 in titration process.

Features:

- Design with streamline and 5 inch coloured touch screen
- Electrolytic process is intelligently controlled completely
- It adopts real-time dynamic impedance method to detect the end point of titration
- Equipped with open-circuit fault, short-circuit fault and measuring electrode
- High-precision, and it has automatic detection function
- Inbuilt thermal printer and end point is settable

Applications:

Coulometric Karl Fischer Titrator is widely used to determine the trace water content in liquid petroleum, chemical engineering, pharmacy, electricity, scientific research and education department.

Specifications:

Dimension	400 × 260 × 180 mm
Net weight	5 kg
Resolution	0.1 µg
Data saving	496 pcs
Precision 1	± 2 µg (3µg H ₂ O to 20µg H ₂ O)
Precision 2	± 3 µg (20µg H ₂ O to 100µg H ₂ O)
Precision 3	± 5 % (100µg H ₂ O to 10mg H ₂ O)
Power Supply	AC 220 V±10%, 50Hz ±5 %
Maximum current	400 mA
Built-in printer	Thermal printer
Measurement range	3 µg to 9999.9 µg
Power consumption	50 W
Ambient temperature	5 to 40°C

Calculation formula	8 kinds can be selected
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