



Water Content Tester



WATER CONTENT TESTER

Water Content Tester LWT-A1 Series

LWT-A1 Series is fabricated to determine water content in petroleum products and grease according to ASTM D95 "Test Methods for Water Content of Petroleum Products" and ASTM D7303 "Test Methods for Water Content in the Lubricating grease".

Features

- 💧 Bidirectional Silicon Controlled Rectifier
- 💧 Ambient Temperature is less than 35°C
- 💧 Relative Humidity is less than 85%
- 💧 Less power consumption

Application

It is used to determine water content in crude oil, refined petroleum products, fuels, biofuels, lubricants, chemicals, and other products

Specifications

Model No.	LWT-A10
Ambient Temperature	≤35°C
Relative Humidity	≤85%
Heating Power of Electric Furnace	1000W
Sample Determination	1 at once
Dimensions	580*350*300 mm
Power Consumption	≤1100W
Power Supply	AC 220V±10%, 50Hz

Water Content Tester LWT-A11

LWT-A11 is fabricated to determine water content in petroleum products and grease according to GB/T260 "Test Methods for Water Content of Petroleum Products" and GB/T512 "Test Methods for Water Content in the Lubricating grease".

Features

- 💧 Bidirectional Silicon Controlled Rectifier
- 💧 Ambient Temperature is less than 35°C
- 💧 Relative Humidity is less than 85%
- 💧 Less power consumption

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Application

It is used to determine water content in crude oil, refined petroleum products, fuels, biofuels, lubricants, chemicals, and other products

Specifications

Model No.	LWT-A11
Ambient Temperature	≤35°C
Relative Humidity	≤85%
Heating Power of Electric Furnace	1000W×2
Sample Determination	2 at once
Dimensions	690*570*310mm
Power Consumption	≤2200W
Power Supply	AC 220V±10%, 50Hz

Automatic Karl Fischer Titrator LWT-A20

LWT-A20 is designed according to ASTM D6304 "Test Methods for Water Content of Liquid Petroleum Products (Karl Fischer Methods)" and ASTM D1744 standard to determine water content in the liquid petroleum products using Karl Fischer reagent. It is a multifunctional, convenient, and automatic analysis instrument.

Features

- Microprocessor controlled coulometric titration
- LCD display
- It performs Self-diagnostics role
- Rapid determination speed
- Automatic electrolysis current control

Application

It is used to determine water content in crude oil, refined petroleum products, fuels, biofuels, lubricants, chemicals, and other products

Specifications

Model No.	LWT-A20
Measurement Range	1μg-100mg (Representative value: 10μg-10mg)
Ambient Temperature	5-40°C
Relative Humidity	≤90%
Titration Speed	2mg/min

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Test Accuracy	10 μ g-1mg \pm 3 μ g
Dimensions	290 \times 380 \times 120mm
Power Consumption	60W
Weight	9kg
Power Supply	AC 220V \pm 10%, 50Hz \pm 5%

Crude Petroleum Water Content Tester LWT-B10

LWT-B10 is crafted to determine water content in crude petroleum according to ASTM D4006 "Test Methods for Water Content of Crude Petroleum" international standard.

Features

- Simple Design
- Adjustable Electric Heating Power
- Adopts Heating Mantle

Application

It is used to determine water content in crude oil, refined petroleum products, fuels, biofuels, lubricants, chemicals, and other products

Specifications

Model No.	LWT-B10
Ambient Temperature	-10 $^{\circ}$ C ~+35 $^{\circ}$ C
Relative Humidity	\leq 85%
Distillation flask	1000ml
Water receiver	5ml
Scale division	0.05ml
Condenser	400mm \pm 5mm
Dimension	820*500*260mm
Power Supply	AC220V \pm 10%, 50Hz



Labtron Equipment Ltd.

Sentinel House, Ancells Business Park,
Harvest Crescent, Fleet, GU51 2UZ,
United Kingdom

Tel: 01252 413773

www.labtron.com • info@Labtron.com