



ACID NUMBER TESTER

LAAT-A12



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Acid Number Tester LAAT-A12 is automated and controlled by microprocessor unit. It offers 0 to 1800.0 mV potential measurement range and ≥ 0.05 mg KOH/g acid number measurement range. It works on potentiometric titration principle. Recording the titration of the electrode potential and the titration volume, find out the equivalence point and corresponding titrant volume, and thus obtained the sample pH value. This unit can accurately detect the acid value of transformer oil, turbine oil, anti-oil, diesel, gasoline and other petroleum products. It offers Standard Determination of acid number, Determination of acid number in transformer and turbine oils in service (BTB), ASTM D664-2011).

FEATURES

- Equipped with windows operating platform, with the computer directly
- Designed with titration curve real-time display, titration curve and data storage and printing
- Imported titration unit and measuring accuracy better stability
- Automatic cleaning, automatic constant liquid
- Offers automatic detection of end points, automatic filtering false end, at the same time can determine the endpoint of artificial selection
- Designed with continued dosing function
- It is easy to operate and adopts workstation

APPLICATIONS

Acid Number Tester used in chemical industry, electric power, oil and other industries, it is ideal products to current meter acid number of petroleum products.



SPECIFICATION

Model	LAAT-A12
Measurement range	≥ 0.05 mgKOH/g
Potential measurement range	0 to 1800.0mV
Burette volume	10mL
Minimum titration volume	0.001ml
Burette precision	± 0.1 %FS
Precision	Fit or above the relative standards
Ambient temperature	5°C
Relative humidity	Less 80%
Dimension	About 350 × 280 × 178 mm
Power supply	AC(220 \pm 11)V ,50 \pm 1Hz
Net weight	Main unit 14 kg

Standard Accessories

Accessories no.	Name	Qty.
1	Magnetic Agitator	1 pcs
2	Agitator Strut	1 pcs
3	Electrode holder	1 pcs
4	Magnetic rotor	4 pcs
5	RS232 serial communication line	1 pcs
6	Short-circuit plug	2 pcs
7	Fuse (2A)	2 pcs
8	231 glass pH electrode	2 pcs
9	802 saturated calomel electrode	2 pcs
10	Titration exchange unit (10mL)	1 pcs
11	Agitator stabilized voltage supply (5V)	1 pcs
12	5ml(or 10ml) syringe	1 pcs
13	Special size 9 injection needle	1 pcs