

Oil Acid Tester

General information about ADOT-1300A Oil Acid Tester:

Oil Acid Tester is produced according to standard GB/T264-83, is designed for testing acid value for transformer oil, turbine oil etc. PC control system can improve the work efficiency and reduce the harm in organic solvents and chemicals to human body. This instrument is easy to operate and has good capacity in anti-interference and stability.

Features:

- ✓ 320*240 LCD touch screen, user-friendly interface.
- ✓ Neutralization titration principle, to complete liquid charge, titrate, stir, determine the titration end point automatically under normal temperature.
- ✓ LCD screen can show the test result and print.
- ✓ Color sensor can match up the test titration end point, the judgment of end condition is reliable.
- ✓ Waste liquor cup is no need.
- ✓ Peristaltic pump control the charging of extract liquor and neutralized liquor.
- ✓ History record query, automatic memory function of test result, automatic storage of historical records with time. Data will not lose if power off and to be saved more than 10 years.
- ✓ Calendar clock with temperature compensation, automatic record the date and time.
- ✓ Reagent is not exposed to air, to avoid the solvent evaporation and CO₂ influence. User do not need contact solvent by hand, to reduce the organic solvent and chemicals harm to human body.
- ✓ Simple operation. Input data according to the screen prompt, the instrument can complete acid value test automatically.
- ✓ Instrument test one sample or 2-6 samples continuously.
- ✓ With RS232 port, convenient to communicate with PC.
- ✓ Thermal printer with offline print function.



Technical Specification of the device:

- Power supply: AC220V \pm 20% 50Hz \pm 10%
- Acid value test range: 0.0001-0.5000mgKOH/g
- Minimum resolution: 0.0001 mg KOH/g
- Accuracy: If acid value between 0.001 to 0.1000 mgKOH/g,
error range: 0.02mgKOH/g.
- If acid value between 0.1000 to 0.5000 mgKOH/g,
error rang : 0.05mgKOH/g
- Overall dimension: 420x270x260 (mm)
- Ambient temperature: 5°C-40°C
- Relative humidity: <85% RH
- Weight: about 9kg.

