

RDSZ-303D Oil Acidity Tester

The full-automatic Oil Acidity Tester is a high-accuracy and complete digital industrial instrument developed by our company by the relevant provisions of national standards and after long-term unremitting efforts. Detecting the oleic acid value of transformers and steam turbines is a routine inspection item for industrial and mining enterprises' power systems and oil-filled electrical equipment. The full-automatic oleic acid value tester is a special equipment developed by our company for the above-mentioned oil acid value measurement. A full-automatic digital microcomputer controls the Oil Acidity Tester. Based on the acid-base neutralisation reaction of chemical analysis, it adopts the detection method of acid extraction and neutralization titration, making measurement accuracy and precision ideal.



Product Features

1. Three-cup integrated design, suitable for testing the oleic acid value of transformer oil and steam turbine;
2. The instrument adopts microcomputer control to automatically complete liquid addition, stirring, titration, and endpoint determination.
3. Touch type color LCD screen, accurate parameter input response, stable and reliable display performance;
4. It can display up to 35 sets of measurement results separately and print out multiple parameters related to the measurement.
5. The design structure of the case is simple and reasonable, the volume is small and exquisite, and the appearance is elegant and generous;



Product specifications and technical parameters

1. Test range: 0.001~ 0.400 mgKOH/g;
2. Minimum resolution: 0.001 mgKOH/g
3. Repeatability: 2~5% (RSD)
4. Measurement accuracy:

The acid value is ± 0.003 mgKOH/g between 0.001 and 0.100 mgKOH/g;

The acid value between 0.100 and 0.400 mgKOH/g is 2~5% of the indicated value;

5. Ambient temperature: 0 ~ 40 °C
6. Relative humidity: $\leq 85\%$
7. Working power supply: AC220V $\pm 10\%$, 50Hz



Rui Du Mechanical and Electrical (Shanghai) Co., Ltd



TEL: +86-021-68769756

Contact: Nico Zhou

Position: Sales Manager

Email: sales@hvtesters.com

Website: www.hvtesters.com

Mob/ WhatsApp:

+86-136 6190 8522