

RDHQ-3701 Insulating Oil Gas Content Tester

To better and more comprehensively prevent transformer failure, the power industry puts forward higher requirements for the safe operation of all levels of transformers, and the requirements for the Insulating oil gas content tester are also correspondingly improved. The new generation of measuring instrument is developed by using imported high-precision sensor and the latest sensor technology. It has stronger practicability, more stable and reliable performance, and is very convenient to operate. This Insulating Oil Gas Content Tester is more suitable for the determination of air content in ultra-high pressure oil filling equipment. It is an ideal test equipment for your laboratory.




Product Features

1. All metal structure avoids the problems of fragility and poor sealing of glassware tester.
2. The imported differential pressure sensor with high precision and high stability is applied to make the test data more accurate and better repeatability.

3. The test circuit includes sensors to measure atmospheric pressure and ambient temperature. No matter when and where you are, you can automatically measure the ambient temperature and atmospheric pressure, automatically convert to the air content at 0 °C under standard atmospheric pressure, and directly display it on the LCD screen, making your work easier.
4. The unique gas injection counter calibration test program can make it convenient for you to check whether the instrument calibration or measurement is correct.
5. The test time of oil sample is short, and the total test time is only about seven minutes.
6. In the process of testing, the operation of the vacuum pump is controlled by the instrument according to its state, which greatly reduces the noise and prolongs the service life of the vacuum pump.
7. The instrument can automatically store the last dozens of test data, as well as the test time, temperature, atmospheric pressure, etc., so that you can easily find the data.
8. It can print test data according to your requirements.
9. For the same oil sample, the number of tests can be selected. After the test, the single and average results will be displayed on the display screen or printed out.



Product Specifications and Technical Parameters

Picture	
Model.No	RDHQ-3701
High precision electronic differential pressure sensor: resolution no less than 0.1%	
Minimum detection limit	no more than 0.2%
Accuracy	the relative error of repeated measurement results shall not exceed the following values
Gas content in oil (volume fraction), %	relative error, %
< 0.5	10
0.5 – 1.0	8
1.0 – 3.0	5
> 3.0	3
Temperature control range of degassing chamber	5 °C to 70 °C above room temperature
Working power supply	AC220 V ± 10% 50 Hz
Volume	length 450 × width 325 × height 350
Weight	About 20kg



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