



## GDOH-II Insulating Oil Gas Content Tester



### General Information

GDOH-II Insulating Oil Gas Content Tester is a new generation tester adopts imported high accuracy sensor and the newest sensor technology. It is based on the DL423-91 power industry standard and relevant national standards.. It is more practical, more stable and reliable in performance, easy to operate and more suitable for the determination of gas content in ultra-high voltage oil-filled equipment. It is an ideal test equipment for laboratory.

## Features

- The all-metal structure avoids the problems of fragility and poor sealing of the glassware tester.
- The application of high precision and high stability imported differential pressure sensor makes the test data more accurate and repeatable.
- The test circuit contains the sensors that measure atmospheric pressure and ambient temperature. No matter where you are, you can automatically measure the ambient temperature and atmospheric pressure at your location, automatically convert to the gas content at 0° under standard atmospheric pressure, and display it directly on the LCD screen
- The unique gas injection anti-standard test program allows you to easily check whether the instrument is calibrated or measured correctly.
- The oil sample test time is short, and all test time takes only about 7 minutes.
- During the test, the operation of the vacuum pump is controlled by the instrument according to the state, which greatly reduces the noise and prolongs the service life of the vacuum pump.
- The instrument can automatically store the last dozen test data, and store the test time, temperature, atmospheric pressure, etc., so that you can easily check the data.
- With printing function, you can print test data according to your requirements.
- The same oil sample can be selected for the number of tests. After the test is completed, the single and average results will be displayed on the display or printed.

## Specification

High-precision electronic differential pressure sensor	Resolution is not less than 0.1%.	
Minimum detection limit	No more than 0.2%.	
Accuracy	The relative error of the repeated measurement results should 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
Degassing room temperature control range	5°C to 70°C above room temperature	
Working power supply	AC 220V±10%, 50Hz	
Dimension	450*325*350 mm	
Weight	About 20kg	

## Accessories

Tester	1 set
Power cord	1 piece
Vacuum pump & connector	1 set
3mm stainless steel pipe	1.5m, 0.5m
Syringe connector	1 set
Fuse 10A	3 pieces
M8×1 nut	10 pieces
Seal	10 pieces
Syringe bracket	1 piece
1mL calibration syringe	1 piece
Rotary vane vacuum pump	1 set
Instruction Manual	1 copy
Product certification	1 copy
Factory test report	1 copy
Packing list	1 copy

