

NAQL电流互感器现场测试仪校验装置

产品名称	NAQL电流互感器现场测试仪校验装置
公司名称	南澳电气（武汉）有限公司
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产品详情

NAQL电流互感器现场测试仪校验装置

NAQL Current Transformer Field Tester calibration device

产品简介

发电厂与变电站的高压电能计量装置，以及大量用户的电能计量装置，关系到发电、送电、供电及用户多方的利益。为保证计量准确，必须按照SD109《电能计量装置检验规程》和DL/T448-2000《电能计量装置技术管理规程》进行检验。

我公司的NAQL电流互感器现场测试仪校验装置是以高端测试技术，大规模电子线路设计以及符合相关规程研制出来的。它解决了现场检定电流互感器、电压互感器工作强度大、操作繁琐问题，同时该产品性能可靠、功能强大。

功能特点

- 1、NAQL电流互感器现场测试仪校验装置同时具有递推法测量电流互感器误差、电位差法测量电压互感器误差功能于一身，方便现场开展计量装置现场检定工作。
- 2、现场检定电流互感器无需标准电流互感器、升流器、负载箱、调压控制箱以及大电流导线，使用极为简单的测试接线和操作实现电流互感器的检定，极大的降低了工作强度和提高了工作效率，方便现场开展互感器现场检定工作。
- 3、NAQL电流互感器现场测试仪校验装置内部具有相当于被测电流互感器同变比的标准电压互感器，其准确度可以达到0.05级，准确的测量出被测电流互感器的变比和空载误差。然后结合阻抗与导纳的测试结果推算出互感器的误差。

- 4、采用接近工频的异频功率电源测试，防止现场工频电磁辐射和串联干扰。
- 5、测量范围宽，可以至5A/5A~25000A/5A或25A/1A~5000A/1A。
- 6、具有电流互感器变比、二次绕组内阻测试功能。
- 7、采用640×480高分辨率大屏幕液晶显示，具有人性化的界面及操作设计，使用触摸屏辅助操作，使操作变的更加方便、快捷。
- 8、采用软件算法，测量数据的准确性进一步提高。
- 9、具有智能判断外接线状况，提示接线错误、变比、极性错误等。
- 10、自动对测试数据进行化整，并判断是否超差，超差数据使用反黑显示，对互感器的数据特性直观明了。
- 11、直接出具现场检定结论，合格或不合格。
- 12、大规模存储器可存储现场测试数据多达1000条。
- 13、带有打印机，可以现场打印测试数据。
- 14、采用工程塑料模具机箱防震、防压，保障现场操作人员的安全和设备安全。

Product Introduction

Power plant and substation high-voltage energy metering devices, and a large number of users of energy metering devices, related to power generation, transmission, power supply and the interests of multiple users. In order to ensure accurate measurement must be in accordance with SD109 "power measurement device inspection regulations" and DL / T448-2000 "power measurement device technical management procedures" for testing.

My company's NAQL current transformer field tester calibration device is based on high-end test technology, large-scale electronic circuit design and in line with relevant national regulations developed. It solves the field test current transformer, voltage transformer work intensity, the cumbersome operation of the problem, while the product performance, reliable, powerful.

Main Features

1, NAQL current transformer field test device calibration device also has a recursive method to measure the current transformer error, the potential difference measurement of voltage transformer error function in one, to facilitate site measurement device on-site verification work.

2, on-site test current transformer without standard current transformers, booster, load box, voltage control box and high current wire, using a very simple test wiring and operation of the current transformer verification, greatly reducing the work Strength and improve the work efficiency, facilitate the site to carry out field test transformer.

3, NAQL current transformer field tester calibration device within the equivalent of the measured current transformer with the transformation ratio of the standard voltage transformer, the accuracy can reach 0.05, accurate measurement of the measured current transformer ratio And no-load error. And then combined with the impedance and admittance of the test results to calculate the transformer error.

4, close to the frequency of the different frequency power supply test to prevent field frequency electromagnetic radiation and series interference.

5, measuring a wide range, you can to 5A / 5A ~ 25000A / 5A or 25A / 1A ~ 5000A / 1A.

6, with the current transformer ratio, the secondary winding resistance test.

7, with 640 x 480 high-resolution large-screen LCD display, with a user-friendly interface and operational design, the use of touch-screen auxiliary operation, the operation becomes more convenient and fast.

8, the use of accurate software algorithms, measurement data to further improve the accuracy.

9, with intelligent judgments external wiring status, suggesting that wiring errors, variable ratio, polarity error.

10, automatically test the data for the whole, and to determine whether the tolerance, ultra-poor data using anti-black display, the transformer characteristics of the data intuitively clear.

11, directly issued by the site test conclusions, qualified or unqualified.

12, large-scale memory can store up to 1000 field test data.

13, with a printer, you can print test data field.

14, the use of engineering plastic mold chassis shock, pressure, to protect the safety of site operators and equipment safety.