

# NADQ全自动电容电桥测试仪

产品名称	NADQ全自动电容电桥测试仪
公司名称	南澳电气（武汉）有限公司
价格	10.00/台
规格参数	品牌:南澳电气 型号:NADQ 生产厂家:南澳电气(武汉)有限公司
公司地址	武汉市东湖高新技术开发区光谷大道60号光谷科技产业园8栋
联系电话	027-87677658 15327206266

## 产品详情

### 产品简介

NADQ-C全自动电容电桥测试仪针对变电站现场测量并联电容器组中的单个电容器电容值时存在的问题而专门研制的，它着重解决了以下问题：

- （1）现场测量单个电容器需拆除连接线，不仅工作量大而且易损坏电容器。
- （2）电容表输出电压低而导致故障检出率低。

NADQ-C全自动电容电桥测试仪具有测量工作量小、快捷简便、性能稳定、测量准确、故障检出率高等特点。此外，它的电流测量单元还可兼作CVT、避雷器等电器设备的测量之用，具有一机多能的功效。

### 产品别名

电力电容测试仪、电力电容器测试仪、电容电桥、数字电容电桥测试仪、全自动电容电感测试仪、配电网电容电桥测试仪、全自动电容测试仪、全自动电容量测试仪、全自动电容量测量仪

### 产品特性

- （1）量程自动转换；
- （2）储存7168个测试数据；
- （3）大屏幕液晶（320×240 LCD）显示, 汉字菜单操作提示；
- （4）实现波形和测量处理数据同屏显示，使测试过程更直观；

(5) 具有设置、校正和调试功能。

## 主要参数

1、电容量量程：0.2  $\mu$ F ~ 2,000  $\mu$ F；

容量范围：5 ~ 20,000 kvar；

测量精度：0.2  $\mu$ F ~ 2  $\mu$ F  $\pm$  1%读数  $\pm$  0.02  $\mu$ F；(内置)

2  $\mu$ F ~ 2,000  $\mu$ F  $\pm$  1%读数  $\pm$  2个字；(钳式)

2、输出测量电压：AC 26V/500VA；50Hz；

3、显示方式：大屏幕液晶示屏全汉字输出，面板式热敏打印机

4、外形：370mm  $\times$  370mm  $\times$  220mm

5、重量：16 kg

6、工作条件：

a. 环境温度：0 ~ +40，相对湿度：90%

b. 电源：AC 220V  $\pm$  10%；50Hz。

## Product introduction

At present, most power distribution system is generally not neutral point directly grounded, so when the line is single-phase ground fault current flowing through the actual line to ground capacitance is the capacitive current. According to statistics, the distribution network failure is largely due to line single-phase ground when the capacitor is too large to be caused by self-interest arc. Thus, when electricity Statutes 10kV and 35kV system when the capacitor current is greater than 30A and 10A, respectively, shall be equipped with arc suppression coil to compensate for capacitive current, which requires current distribution network capacitance measurements to make a decision. In addition, the distribution network to ground capacitance and the PT will generate parameter with PT error over-voltage, in order to verify that the distribution system will occur and what the nature of PT resonance resonance, it must accurately measure the distribution network for ground capacitance value. The traditional distribution network capacitive current measurement methods are single-phase metal grounding direct method, plus capacitance indirect measurement method, etc. These methods have come into contact with one device, so there is danger test, operate complex, efficient and low defects. NADQ series Automatic Capacitance Bridge / Inductance / Current Tester, directly from the secondary side of the PT measuring capacitive current distribution network, compared with traditional testing methods, NADQ series Automatic Capacitance Bridge / Inductance / Current Tester and one side without dealing with, which is not there is the risk of trial, without doing complicated security measures and wait for lengthy scheduling order, simply measuring line connected to the open delta PT clients can measure the capacitive current data. Triangular openings due from the PT was injected at different frequency test signal weak, so neither will relay protection and PT itself, have any impact, but also to avoid the 50Hz power frequency interference signals, while the output of the tester can be resistant to by 100V AC voltage, if the measurement system is single-phase ground fault occurs, will not damage the PT and tester, eliminating the need to make special security measures to make this work to become safe, simple, fast, and accurate test results, stable and reliable.

Also called name

capacitance current tester, automatic capacitance current tester, capacitance current tester for distribution network

The Characteristics of the products

NADQ-C Automatic Capacitance Bridge Tester

Products Characteristics

- (1) automatic conversion range;
- (2) test data storage 7168;
- (3) Large LCD (320 × 240 LCD) display, English menu operation prompts;
- (4) the realization of waveform and measurement data processing with the screen display, making the testing process more intuitive;
- (5) has set up, calibration and debugging features.