

# NAPR系列无局放分压器又称耦合电容器

产品名称	NAPR系列无局放分压器又称耦合电容器
公司名称	南澳电气（武汉）有限公司
价格	1.00/台
规格参数	品牌:南澳电气 型号:NAPR 电压等级:50-1000kV
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## 产品详情

### 产品简介

NAPR系列无局放分压器又称耦合电容器，主要用于无局放测试系统测量交流电压或采集局放电压信号，该系列分压器与普通分压器比较，有以下几个不同点：

- 1、都可以测量高压电压，但普通分压器不能测量无局放的高压电压；
- 2、普通分压器一般电容量较小（小于500pF），而NAPR系列电容量较大，一般在600-1000pF；
- 3、普通分压器为干式介质，体积比较小，重量比较轻，测量准确度一般优于NAPR系列；
- 4、普通分压器一般单独使用，NAPR系列分压器一般与无局放电源一起配合使用；

### 产品别名

高压测试仪、数字高压表、高压测量仪、高压表、高压数字表、分压器、阻容分压器、静电电压表、高压分压器、交直流分压器、交直流高压表、交直流高压分压器、交流分压器、直流分压器、交直流两用高压测试装置、阻容式交直流分压器、交直流阻容分压器、交直流数字分压器、千伏电压表、千伏表、NAFRC型交直二用分压器

### 产品特性

- 1、NAPR系列无局放分压器采用便携式设计，配行车小轮，便于移动；
- 2、无局放设计，高压金属罩上自带2个M10连接孔，方便连接负载；

- 3、 配备低压臂，既可当分压器使用，又可以当耦合电容器使用，一机二用，性价比高；
- 4、 底座喷涂金属垂纹漆，防锈防油；

#### 产品参数

- 1、 电容量：600-1000pF(特殊容量可以定做)；
- 2、 电压等级：50-1000kV
- 3、 局部放电量：额定电压下局放量小于等于5PC;
- 4、 绝缘介质：电容油
- 5、 用于工频电压下电力设备的局放测量；
- 6、 测量30-300Hz交流高压、无局放测试中作为耦合电容器

#### Product introduction

NAPR pulse divider is high-voltage measuring systems with under-damping and potential shielding. Mainly used for measuring for light wave, including light full wave,8/20us wave and other light waveform. It ' s a special voltage divider for light waveform. Simple to operate, intuitive display, high precision, small in size, light in weight. It ' s ideal high-voltage measuring equipment for Grid primary equipment testing(such as Zinc oxide lightning arrester waves steep testing, voltage transformer lightning full-wave testing, high-voltage switch lightning fill-wave testing, substation main transformer testing, high-voltage GIS testing,etc.), substation, high-voltage electrical equipment factory and high-voltage testing laboratory and other relative departments.

#### Also called name

NAPR Series pulse impulse divider, pulse divider

#### The Characteristics of the products

Adopting imported fill material and realizing highly stable, the inside adopt highly precision resistance and low tangent capacity, partial discharge. Small size, light weight, ans easy to take.

#### The parameters of the products

- 1, Voltage level: AC: 50 kV-2000kV (Able to withstand the impact of rates 110% voltage peak value )
- 2, Responding time:<120ns (special requirements can be customized)
- 3, Impact of voltage waveform:

Lightning impulse full wave (referred as to lightning full-wave lightning) the main parameters is peak UP, pre-wave time T1, half peak time T2, the pre-wave of standard lightning full-wave time is  $T1 = 1.2\mu s$

Half peak value time is  $T_2 = 50\mu\text{s}$ .

In order to obtain highly accurate testing data, it is recommended to adopt US Tektronix which more than 200M oscilloscope, while the other technical specifications should meet the high-voltage lightning wave measurement requirements.

4, Accuracy: AC: 3.0%

5, Insulating medium: Imported capacitor oil

6, Environmental conditions:

Temperature: 0 ~ 45

Humidity: <85% RH

7, Divided voltage ratio: 1000:1 or (according to customer requirements)