



ProductName or ItemNo

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## Product

Surge arresters for protection of photovoltaic systems
On-grid surge protection
Off-grid surge protection
Surge arresters for protection of power supply systems
Lightning arresters - class I
Lightning and surge arresters - class I+II
Surge arresters - class II
Surge protectors - class III
Surge arrester for protection of LED lighting
Surge protectors for protection of signal systems
PoE surge protection
Computer surge protection
Telecommunication lines protection
RF cable lines surge protection
DIN rail control signal protection
Control lines surge protection
Antenna/coaxial/RF surge protection
Lightning Rods & Surge Counters
Test Devices
Metal Oxide Varistor

## Test Devices

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### Metal Oxide varistor (MOV) & gas discharge tube (GDT) tester VT-S

1. It can used to measure limiting breakdown, overvoltage ignition components key parameters
2. Can be pre-set initial action voltage, 20V ~ 1600V continuously adjustable
3. LCD digital display, accuracy, reliability, intuitive and clear.
4. When varistors tested to automatically give an accurate 1mA constant current and voltage 0.75U1mA
5. When the gas discharge tube test, the test voltage to 100V / S rate rises linearly
6. Select the continuous measurement can be carried out continuously for bulk sample testing
7. With high short-circuit protection, overcurrent protection, self-test functions
8. With 190V ~ 260V inherent discrimination, alarm test function

#### 1.Application of Metal Oxide Varistor (MOV) & gas discharge tube (GDT) tester

Adapt for testing of metal oxide varistor (MOV), zinc oxide varistor surge arrester, metal ceramic diode or gas discharge tube (GDT).

#### 2.Characteristic of Metal Oxide Varistor (MOV) & gas discharge tube (GDT) tester

It can used to measure limiting breakdown, overvoltage ignition components key parameters  
Can be pre-set initial action voltage, 20V ~ 1600V continuously adjustable  
LCD digital display, accuracy, reliability, intuitive and clear.  
When varistors tested to automatically give an accurate 1mA constant current and voltage 0.75U1mA  
When the gas discharge tube test, the test voltage to 100V / S rate rises linearly  
Select the continuous measurement can be carried out continuously for bulk sample testing  
With high short-circuit protection, overcurrent protection, self-test functions  
With 190V ~ 260V inherent discrimination, alarm test function

#### 3.Technical parameters

Technical Parameter	Test Rang	Max. Tolerance	Test Conditions
Initial Action Voltage(U1mA)	0~100V	+/- (2V + 1 d)	1000+/- 5 Ua
	101~1700V	+/- (2%RDG + 1 d)	
leakage current ( I 0.75U1mA)	0.1 ~ 199.9uA	+/- 2uA + 1 d)	0.75U1mA
Technical Parameter	Test Rang	Max. Tolerance	Test Conditions
DC break-down voltage V sdc	20~1700V	+/- (2%RDG + 1 d)	Voltage increase rate (100+/-8) V/S
Discharge voltage memorize disply time		1.5~3.5 S	

10 years of experience, is worthy of trust!

FATECH sincerely look forward to providing customers with various series lightning protection products, quality and professional lightning protection system solutions.



## Inquiry

Name (\*)

Company (\*)

Tel (\*)

E-mail (\*)

Subject (\*) Current position Metal Oxide varistor (MOV) & gas discharge tube (GDT) tester

Message (\*)

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