

Atlas SCR

Thyristor and Triac Analyser

Model: SCR100

PEAK

electronic design ltd

PRODUCT BRIEF

Features

- Connect any way round.
- Thyristor and Triac identification.
- Automatic Pinout identification.
- Gate sensitivity checking from 100 μ A to 90mA.
- Load current test up to 100mA.
- Shorted junction testing.
- Auto power on and power off.
- Ultra-slim, compact and robust design.

Simplicity

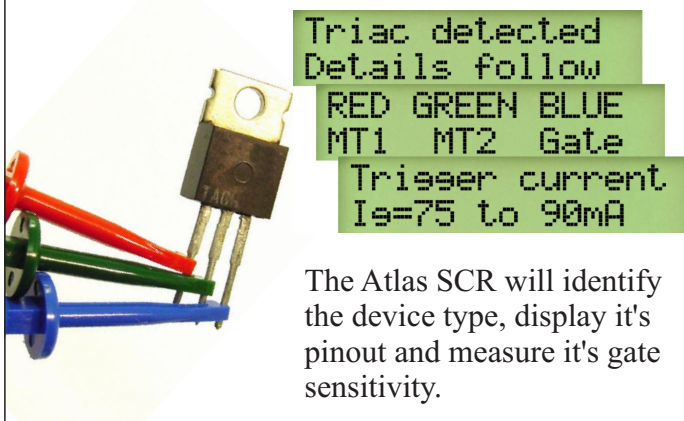
Just connect your thyristor or triac any way round and away you go. It couldn't be easier.

Thyristors and triacs vary a great deal in their requirements for gate trigger currents, some can be triggered with just 50 μ A, others may need up to 90mA.

The *Atlas SCR* is smart, it will progressively increase gate trigger currents automatically until the device under test is triggered. It will then display it's findings.

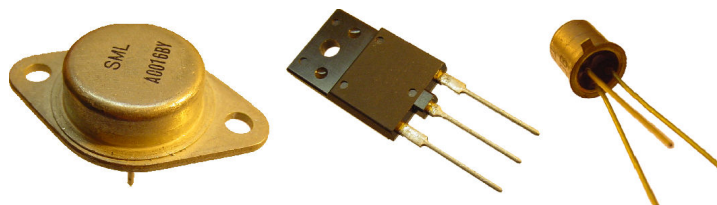
Test currents are applied for very short durations, typically less than 200 μ S, thereby minimising the risk of damage to your sensitive components.

Example display for a typical triac



The Atlas SCR will identify the device type, display it's pinout and measure it's gate sensitivity.

Handy Intelligent Powerful



Technical Specifications at 25°C

Parameter	Min	Typ	Max
Peak test current		100mA	120mA
Peak test voltage		12.0V	12.5V
Gate test current	100 μ A		90mA
Hold test current	90mA		120mA
Battery voltage range	0.8V	1.5V	
Dimensions	103 x 70 x 20mm		

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