

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 100uA 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.

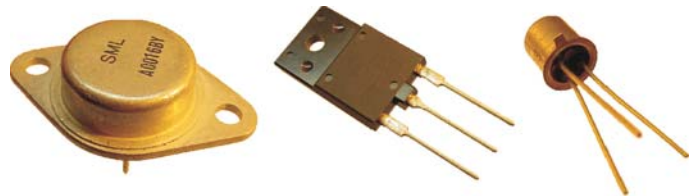
Thyristors and triacs vary a great deal in their requirements for gate trigger currents, some can be triggered with just 50uA, others may need up to 90mA.

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.

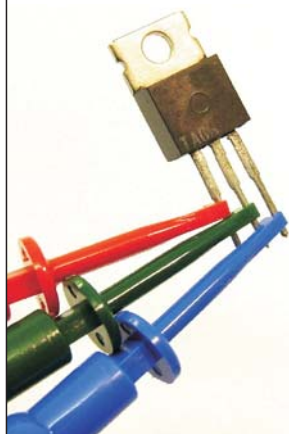
Test currents are applied for very short durations, typically less than 200uS, thereby minimising the risk of damage to your sensitive components.



Handy Intelligent Powerful



Example display for a typical triac



```
Triac detected
Details follow
RED GREEN BLUE
MT1 MT2 Gate
Trigger current
Is=75 to 90mA
```

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

Technical Specifications at 25°C

Parameter	Min	Typ	Max
Peak test current		100mA	120mA
Peak test voltage		12.0V	12.5V
Gate test current	100uA		90mA
Hold test current	90mA		120mA
Battery voltage range	8.5V	12V	
Dimensions	103 x 70 x 20mm		

Peak Electronic Design Limited

Atlas House, Harpur Hill Business Park, Buxton, Derbyshire, SK17 9JL. Tel.+44 (0)1298 70012, Fax. +44 (0)1298 70046

See us on the Web: www.peakelec.co.uk Email: sales@peakelec.co.uk