

**SCR100 Reseller Resources**

**Title** Atlas SCR - Triac and Thyristor Analyser (Model SCR100)

**Catalogue copy** The Atlas SCR is specifically designed to automatically analyse a wide range of Triacs and Thyristors (SCRs). Connect the part any way round and press test. The part type is identified (Triac or Thyristor), the pinout is identified and the gate sensitivity is displayed in 1 of 9 sensitivity categories as well as gate voltage. Suitable for parts that require a gate trigger current from less than 100uA up to 90mA. Load tests are performed with an internally generated load of 12V at 100mA, all from a single AAA alkaline battery (supplied). Not designed for in-circuit use.

**Features**

- Automatic pinout detection and identification, connect any way round.
- Automatic Triac/Thyristor detection.
- Generates gate currents from 100uA up to 90mA.
- Gate sensitivity category displayed.
- Constant load test of 12V at 100mA regardless of battery condition.
- Supplied with gold plated red/green/blue universal hook probes.

**Specification Summary**

Parameter	Minimum	Typical	Maximum	Note
Peak test current into S/C		100mA	120mA	1
Peak test voltage across O/C	11.0V	12.0V	12.5V	1,2
Gate trigger current range ( $I_{GT}$ )	0.1mA		90mA	
Gate voltage resolution ( $V_{GT}$ )		20mV		
Battery type	AAA 1.5V Alkaline			
Battery voltage range	0.8V	1.5V	1.7V	
Low battery warning		1.1V		
Inactivity power-down period	25 seconds			
Dimensions (enclosure)	103 x 70 x 20 mm			
Operating temperature range	10°C		35°C	3

1. Between any pair of test clips.
2. For battery voltage greater than 0.9V.
3. Subject to acceptable LCD visibility.

**Photography**



**Other Downloads** [scr100\\_userguide\\_en.pdf](#)

[scr100\\_datasheet\\_en.pdf](#)

**Dimensions per product (excluding leads)**

103 x 70 x 20 mm

**Dimensions per product (packaged)**

200 x 138 x 30 mm

**Weight per product (nett)**

0.098kg

**Weight per product (packaged inc docs)**

0.154kg

**Bulk order multiple**

20, 80

**Harmonisation / Commodity Code**

9030 8200 GB

**Fundamental Materials**

Plastic, glass and metal.

**Country of manufacture**

England (UK)

**Certification**

CE, WEEE, ROHS

**Keywords**

peakelec, peak electronic design, peak electronics, peak electronic, Peak Atlas, Atlas, Atlas SCR, SCR tester, SCR analyser, SCR analyzer, triac tester, triac analyser, triac analyzer, thyristor tester, thyristor analyser, thyristor analyzer, SCR100.

**Suitable Accessories**

[ATC55](#), [ATC01](#), [UPS56](#)