## Specifications

| Architecture | Linear regulated micro- and milliampere current generator with integrated battery supply and recharger unit  
Continuous sweep through zero  
Bipolar transistor technology |
|--------------|--------------------------------------------------------------------------------------------------|
| Current/Voltage range | Max. current up to 20 mA  
Current/Voltage pairs individually as required |
| Current outputs | Floating or grounded (adjustable)  
Short circuit and overvoltage protected |
| Output connectors | Insulated BNC connector |

## Current Control

| Analog control | With ±10 V control voltage  
BNC socket |
| Trigger | TTL compatible trigger for switching off or on the current. User defined trigger logics  
Priority over manual and analog setting  
BNC socket |

## Characteristics

| Current stability and reproducibility | < $5 \times 10^{-6}$ under laboratory conditions with 1°C temperature stability  
(≤ 5 ppm/K) |
| Response time | Adjustable between 50 µs and 100 ms |
| Case | Standard electronic case and 19" rack systems |
| Supply | Internal batteries  
Recharger unit is integrated |
| Cooling | Air cooling |
Bipolar Current Sources
Milliamp Line

Options
N.A.

Typical Applications
Atom chips, SQUID

Further Information
For further technical information, application examples, diagrams and for customisation of the current sources please contact:

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