



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° temperature stability (< 5 ppm/K)
Response time	Adjustable between 50 μ s 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



HighFinesse
Laser and Electronic Systems

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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