

Metrohm Autolab Specifications

Low current amplifier module (ECD)

| ECD | |
|------------------------------------|--|
| Current ranges | 100 pA to 100 μ A in 7 decades |
| Current measurement | \pm 0.5% of range \pm 2 pA accuracy |
| Current range bandwidth | 100 μ A: 2 kHz 10 μ A: 2 kHz 1 μ A: 1 kHz 100 nA: 250 Hz 10 nA: 100 Hz 1 nA: 50 Hz 100 pA: 10 Hz |
| Compensation of current offset | \pm 1 μ A maximum |
| Filter time (10x RC time constant) | 0 ms, 100 ms, 1 s and 5 s |
| Type of filter | Third order Sallen-Key filter |

| PGSTAT128N | PGSTAT302N | M101* | M204* | PGSTAT101* | PGSTAT204* | Module Type | Potential Application Segment |
|------------|------------|-------|-------|------------|------------|---|---|
| • | • | | | | | Low current amplifier module (ECD) | Corrosion, Electroanalysis, Fundamental, Sensors, Solid State, Trace analysis |

* Current integrator included.

MODULES

ADC10M

BA

Booster 10A

Booster 20A

ECD

ECI10M

ECN

EQCM

F120

FRA32M

MUX

pX1000

Scan250

Metrohm Autolab

Metrohm Autolab instruments are specifically designed for electrochemical research, delivering the requirements of most application areas.

Metrohm Autolab provides an industry-leading **3 year warranty** for all instruments, modules, and instrument accessories

✓ Reliability

Metrohm Autolab installed instruments average 99% uptime in the first 5 years of installation.*

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✓ Versatility

Metrohm Autolab instruments can easily and efficiently be combined with a wide range of instrumentation.

✓ Powerful software

NOVA is the powerful data acquisition and analysis software that powers your experiment.

Metrohm Autolab is an
ISO 9001 certified company.

Dedicated to research

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*Based on European markets most widely sold instrumentation.