



Orbit 16 TC

Taking the Pain out of Painting



nanji[on

Key features at a glance

- 1** Fully parallel low noise, high bandwidth recording of 16 separate lipid bilayers
- 2** Automated formation of 16 artificial lipid bilayers at the push of a button
- 3** State of the art low noise e16n amplifier (Elements S.R.L.)
- 4** Temperature freely definable (5–50°C) through the integrated temperature control system
- 5** Extremely small footprint with simplified design for easy experiments
- 6** Can be simply connected to any workstation via USB
- 7** Easy to learn EDR4 software with integrated online analysis
- 8** Cost-efficient disposable MECA 16 TC chips (Ionera Technologies)



Discover

Outer aluminum lid

Complete protection of experiments towards the environmental surroundings. Optimization of temperature controlled experiments.

MECA 16 TC chip consumables

The MECA 16 TC chip forms the whole measuring chamber which completely eliminates contamination artifacts. The chips are suitable for flexible choice of experimental conditions and can be thoroughly cleaned and reused several times.



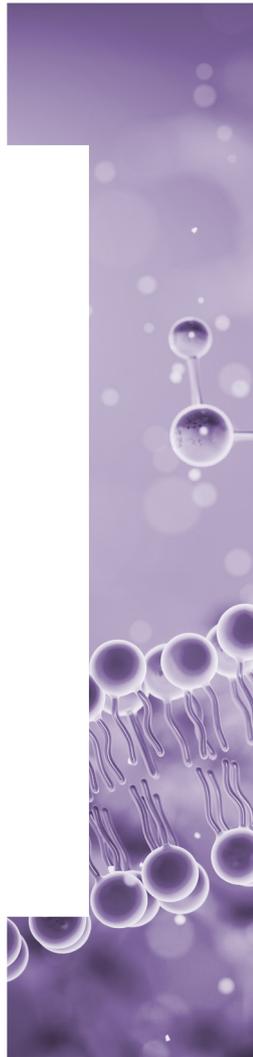
Inner lid

Covering the recording chip and serving as Faraday cage while still providing full access to the chip for buffer exchange and compound addition.

New e16n amplifier (Elements S.R.L.)

Data recording from all 16 channels fully in parallel at final bandwidths up to 100 kHz per channel. Including dedicated and easy-to-learn EDR4 recording software, allowing for individual control of single recording channels.

accelerate your research



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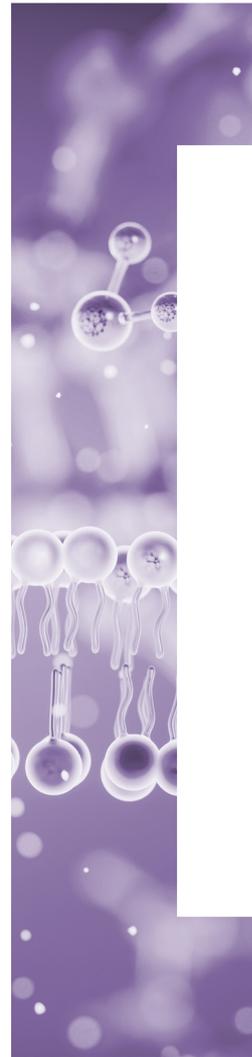
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