

made to measure

ION-01M

Amplifier for Ionsensitive Electrodes
Module for the EPMS-07 System



Features:

- ⇒ Differential input: $\text{cmr} > 120 \text{ dB}$ @ gain 100
- ⇒ Input resistance: $> 10 \text{ T}\Omega$; ultra-low BIAS current $< 100 \text{ fA}$
- ⇒ Input voltage range: 1000 mV DC
- ⇒ Inputs with small headstage, Teflon isolated connector
- ⇒ Integrated electrode holder
- ⇒ OFFSET compensation for both inputs; range: $\pm 100 \text{ mV}$
- ⇒ C.COMP. for both inputs; range: $0 - 30 \text{ pF}$
- ⇒ Low-pass filter for REF input to improve AC cmr
- ⇒ Output gain: $\times 10$ or $\times 100$; range: $\pm 12 \text{ V}$
- ⇒ Digital display: XXX.X mV
- ⇒ Electrode resistance test : $\text{XXX.X M}\Omega$ or $\text{XX.XX G}\Omega$
- ⇒ Built-in ramp generator: 1.5 V / s. , external signal input available



Headstage with Teflon
isolated electrode connector

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