

*made to measure*

# PEXT-01

## Pneumatic Ejector and Extracellular Amplifier



### Features:

- ⇒ 2 or 4 bar pneumatic output
- ⇒ Digital manometer with PRESSURE MONITOR
- ⇒ Digital timer (100  $\mu$ s to 9999.9 ms) for pressure ejection
- ⇒ Manual, internal timed or external (TTL) pneumatic operation
- ⇒ Differential amplifier INPUT with high impedance
- ⇒ INPUT with BNC connectors or small headstage
- ⇒ OFFSET control potentiometer with two ranges ( $\pm 0.1V$  or  $\pm 1V$ )
- ⇒ LOWPASS filter: 30, 100, 300, 500, 700, 900, 1.3k, 1.5k, 1.7k, 3k, 10k, 20k Hz
- ⇒ HIGHPASS filter: OFF, 3, 30, 100, 300, 400, 500, 600, 800, 1k, 3k, 10k Hz
- ⇒ OUTPUT: DC or AC FILTERED x10 to x10k
- ⇒ AUDIO monitor, noise mode with threshold or pitch mode
- ⇒ OVER LEDs (activating at 10% below maximum output)
- ⇒ Analog BALANCE monitor for optimal OFFSET control
- ⇒ Two separate holders for ejection and recording or one combined ejection/recording pipette holder



Differential headstage (optional)  
with EH-01 recording electrode holder (optional)  
or EH-IPH-THP-AG combined  
ejection/recording electrode holder

### For more information contact:

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