

# PDES-SET

## Pneumatic Drug Ejection System

One set to meet all your requirements



### What comes with the system?

#### **PDES controller with analog pressure gauge and digital timer**

One or two channels available

Manual or external timing and control possible

#### **Ejection pipette holder with mounting rod**

Easy pipette mounting and handling

Holder can be attached to any micropositioner

#### **External valve**

Valve switch times allow pressure pulse lengths between 10ms and 10s

Magnetic base for flexible attachment to microscope, table, etc.

#### **Flexible silicone tubing to connect the pipette to the valve**

#### **Black tubing to connect the pressure source**

#### **Tube cutting tool for length adjustment**

Cut and rearrange your tubing as needed

We supply enough tubing for all eventualities

# High quality npi products - made in Germany

## Universal Amplifiers

patch clamp, single cell electroporation, transfection, intra- and extracellular, voltammetry

## Bridge Amplifiers

most accurate current clamp amplifiers, extracellular

## Extracellular Amplifiers

LFP, EEG, EMG, single units single- or multi-channel

## Voltammetric Amplifiers

voltametry, amperometry, FCV

## Temperature Controllers

analog control for low-noise operation

## Iontophoretic Substance Application:

fast and precise application of charged substances

## Customized Devices and Prototypes

easy customization due to in-house production

## Miniature Headstages

record in freely moving animals, intra- and extracellular, voltammetry

## Amplifiers for Oocytes

fast and accurate clamp with large currents

## Single Electrode Amplifiers

fastest discontinuous current and voltage clamp

## Isolated Stimulators

current and/or voltage, battery or power supply

## Filters and Signal Conditioners

high- and lowpass Bessel filters

## Pressurized Substance Application

precise application of all liquids

## Fiber Photometry Systems

plug-and-play addition to any e-phys rig

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