

A **ISOLATED ORGAN BATHS**
Cat. no. 4000/4050

Research involving effects of electrical stimuli or drugs on isolated organs, uterus, trachea, vessel strips, auricle, can be performed under optimum conditions.

Wash or test solution enters the chamber after passing through temperature equalizing coils and a syringe valve. Provision is made to minimize back diffusion once the chamber is filled.

Water stirring is accomplished by a water jet delivered by a centrifugal pump.

Cat. No. 4400 four chambers bath is also available.

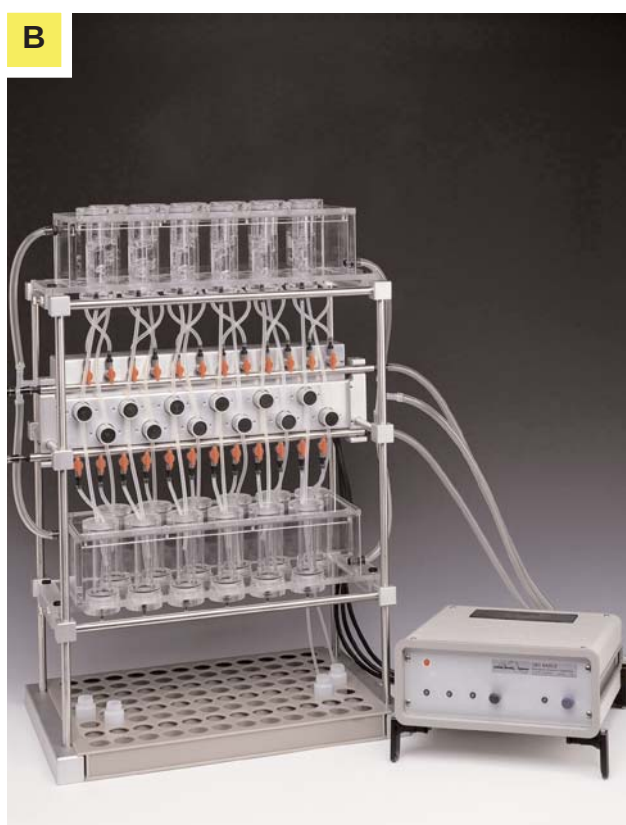
Bagno per Organi Isolati, a una camera (4100, 10ml), completo di morsetto e accessori standard



B **SUPERFUSION SYSTEM**
Cat. no. 14900

The Superfusion System 14900 has been designed to carry out release studies from synaptosomes according to the instrument originally developed in Raiteri's laboratory. The System is a great help to explore the physiological mechanisms of transmitter release and how to process is modified by pathological states, which will lead to advances in therapeutics. The 14900 consists of 12 parallel superfusion chambers to which media of desired composition can be delivered from upper reservoirs. The synaptosomes are accommodated as thin layers on microporous filters. Superfusion is provided by an optional multi-channel peristaltic pump and superfusate samples are directly collected into scintillation vials.

Sistema di Superfusione (metodo Raiteri), comprendente unità elettronica e bagno completo di supporto, camere superiori, camere inferiori, valvole e manometri



C



C **MULTIPLEXING PULSE BOSTER**
Cat. No. 3165

The typical one-channel stimulator lacks the power, independent output connections and individual adjustment capability to deliver pulses of preset intensity to more than one preparation. The 4-channel Multiplexing Pulse Booster, providing high power (up to 800 mA), has been designed to obviate these shortcomings, performing as a useful complement to any stimulator, to energize up to four in-vitro electrode pairs at the same time. The 3165 provides constant current, unipolar or bipolar pulses and current monitoring. A Timer Cat. No. 3175 can be supplied to enable the Pulse Booster to deliver pulse trains, when the stimulator lacks this feature.

Multiplexing Pulse Booster, 4 canali, corrente costante