



Radnoti

8-UNIT TISSUE ORGAN BATH SYSTEM

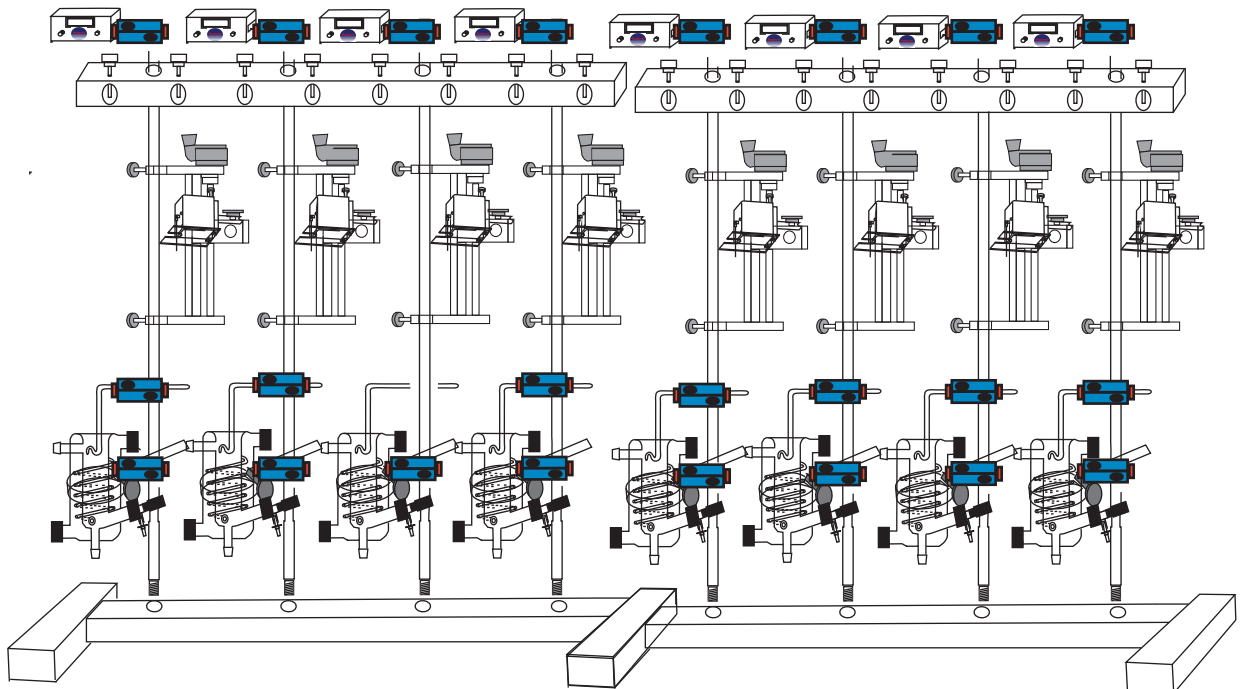
159928

The Radnoti Organ Bath Systems were created to enhance the productivity of researchers by permitting them to simultaneously monitor multiple preparations, allowing replication of protocols. These systems give the researcher the option to use different size baths in the same unit. The Radnoti Tissue Organ Baths are individually mounted via adjustable ring-clamps to stainless steel support rods to a sturdy steel base that is coated to resist corrosive salt solutions. The Tissue Bath Solution flows from a water-jacketed, temperature controlled 2-liter reservoir into the glass manifold system with flow adjustment valves to control solution flow. Optional additional reservoirs may be purchased to perform complex drug additions and wash out protocols. The bath solutions then enter the tissue baths through a pre-heating coil built within the water-jacket of High Tech Tissue Organ Baths. The experimenter may empty the baths via a bottom drain controlled with a stopcock. The bath may also be used in a constant flow mode with the waste perfusate exiting an overflow outlet at the top of the bath. Both overflow and drains may be routed to permit monitoring the release of endogenous substances, drug metabolites, or to design a cascade system configuration. Bath aeration is finely controlled through the removable individual needle valves in each bath. Each Tissue organ Bath has its own force transducer and tissue tensioner, permitting rapid adjustment and positioning of the specimen. The 0-5 volt transducer output is conveniently shown on a full scale LED display.

Complete with Radnoti 159901A Isometric Force Transducers (0-2gm, 0-20gm)

Recommended for passive and stimulated muscle preparations using protocols including drug titrations, drug metabolism and kinetics, radiolabeling and washout experiments, muscle force and stress measurements, as well as many other experiments. Thin, non-muscle preparations can be maintained in these baths as well.

- Simplistic in Design, Yet Capable of Sophisticated Experimental Protocols
- All Glass Components Designed and Manufactured at Radnoti
- Exact Manufacturing Process Guarantees Conformity
- Off the Shelf Component Replacement Shipped Within 48 Hours or Order
- Very Affordable
- 7 Day 24 Hour Web Support



T
I
S
S
U
E
B
A
T
H
S