

Isolated Organ Baths

Cat. No. 4000 / 4050 / 4400

General

The Isolated Organ Baths have been designed for accurate recording of isometric or isotonic tissue contraction/release.

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 the temperature equilibrating coils and the syringe valve. The tissue in the chamber is washed by flushing the chamber through an overflow drain tube, to avoid exposing the tissue to the air.

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

A 200W stainless steel heating element is mounted on the Perspex tank floor. A precise solid state "proportional" thermostat maintains the temperature within the excellent limits of $\pm 0.1^{\circ}\text{C}$ on all models.

Note : the Isometric and Isotonic Transducers featured in the picture are not included and can be ordered separately.



SAFETY

EFFICIENCY

4000 One Muscle Chamber
4050 Two Muscle Chambers
4400 Four Muscle Chambers

Main Features

- All components visible through the clear Perspex tank: great for teaching!
- Tissue washing without exposure to air
- Water-jet bath stirring provided by a noiseless vibration-free centrifugal pump
- Easy and quick mounting of tissue

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