

Automatic Isolated Organ Bath

FOR ISOLATED TISSUE EXPERIMENTS

Isolated organ baths are used to study the effect of drug/chemical substances on isolated tissues in vitro. Orchid's isolated tissue/organ bath systems are designed for in vitro investigations on isolated smooth, cardiac, or skeletal muscle preparations. Orchid's isolated organ bath systems are available as 1, 2, 4, or 8-channel systems and are used in pharmacological research worldwide.



Designed To Study The Effect Of Drug/Chemical Substances On Isolated Tissues In Vitro.



FEATURES:

- Automatic filling and emptying of organ bath tube using controller knobs on the control panel
- Compact and robust design
- No need of an aeration tube
- Precise control over bubbling speed from the control panel
- Maintenance Free- Use of Teflon stopcock-based system in place of solenoid valve
- No leakage-Thick Acrylic single-joint tank
- No glass parts-The organ bath tube is made of P. P. And the reservoir coil is made of perspex making the system breakage-free and maintenance-free
- No leakage from organ tube fitting- Use of polypropylene bush for fixing organ tube in place of rubber cork
- Uniform Temperature- Inbuilt water circulation pump for uniform temperature control
- Available with analog and digital temperature controller

SYSTEM SPECIFICATION & MODELS:

Specifications	OB-1D	OB-2D	OB-4D	OB-8D
Water Bath	One Bath	One Bath	One Bath	One Bath
Water Stirrer	Yes	Yes	Yes	Yes
Temperature Controller	Digital	Digital	Digital	Digital
Organ Bath Tube	01	02	04	08
Temperature Range	5°C above ambient TO 60°C			
Temperature Accuracy	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Copler Set	01 set	02 set	03 set	04 set
Power Requirements	220/230V AC 50Hz, 110/120V AC 50-60Hz*			

*Needs to be specified in the order information

ORDERING INFORMATION:

OB-1D	OB-2D/OB-4D/OB-8D
Single unit with digital temperature controller	2/4/8 unit with digital temperature controller
Accessories Supplied: <ul style="list-style-type: none"> Organ bath tube PP: 1 Organ bath tube glass: 1 Reservoir coil: 1 Copler set: 1 Adequate Silicon tube for interconnections Aerator Adequate Tubing for aerator Ink marker Frontal lever for holding ink marker 	Accessories Supplied: <ul style="list-style-type: none"> Organ bath tube: 2/4/8 Reservoir coil: 2/4/8 Copler set: 2/4/8 Adequate Silicon tube for interconnections Aerator Adequate Tubing for aerator Ink marker Frontal lever for holding ink marker
Optional: <ul style="list-style-type: none"> Marriot bottle 1 ltr 	<ul style="list-style-type: none"> Stand for Marriott bottle Micromanipulator

Note: Orchid's continuing product development makes specifications subject to change without prior notification.



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