

Operating Tables Size 1 for Mice, Size 5 for Rodents (continued)

The Basic Fixed Temperature Heated Model with Adapter Box and Power Supply

The adapter consists of a separate box including the permanent control of the operating table temperature. It controls the table temperature via the temperature sensor built-in the operating table. The temperature of the operating table is fixed to 38°C (100.4°F).

Specifications (Heated with Power Supply)

Power Output	12 V DC / 60 VA
Mains Voltage	115 V/60 Hz - 230 VAC/50 Hz
Dimensions	Adapter box 105 x 55 x 30 mm (4.1 x 2.2 x 1.5 in)
Power Supply	140 x 60 x 30 mm (5.5 x 2.4 x 1.5 in)
Weight	0.6 kg

The Homeothermic Controlled Version

This homeothermic controller consists of three parts: a probe, a control unit, and an adapter box. The flexible probe is a precision thermistor encapsulated in a bead of epoxy resin at the top of a flexible hollow plastic tube. The 1.3 mm diameter probe is 100 mm (4 in) long and has a 2 m (6 ft) long cable with plug for attachment to the control unit. It is suitable for a wide range of laboratory animals from adult mice to rats and guinea pigs.

The output of the temperature sensing probe is used by the control unit to proportionally control the regulated, low-voltage DC supply to the operating table. This method of control alleviates the interference problems associated with that of non-proportional control, such with highgain recording systems.

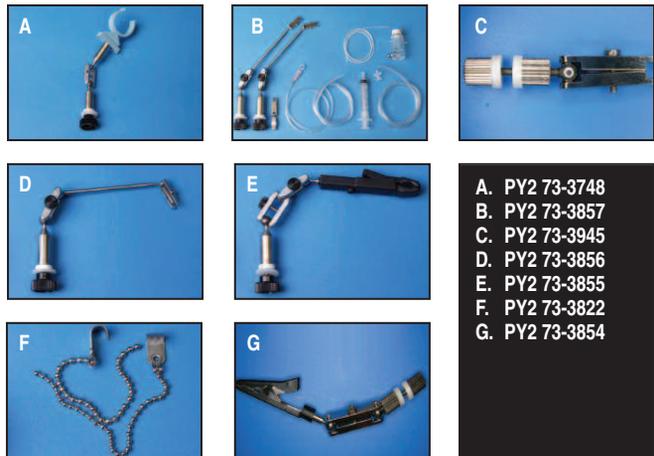
The control temperature is preset at 37°C (98.6°F) at the factory, but can be adjusted within the range of 35° to 40°C (95° to 104°F) by means of a control on the front panel. An LCD display on the control unit continuously displays the probe temperature. A horizontal LED bar graph indicates the level of power being delivered to the operating table. When core temperature is substantially below the desired temperature the bar graph will indicate maximum power being delivered.

The adapter consists of a separate box including the permanent control of the maximum temperature of the operating table. It acts as a safety circuit by limiting the maximum temperature of the operating table to 40°C. This circuit uses a second thermistor probe built-in the operating table.

The operating table is electrically floating, with respect to ground however, one end of the heating element can be grounded by a switch on the front panel of the control unit. Special circuitry eliminates electrical noise thus permitting sensitive recordings.

Specifications (Homeothermic Control)

Power Output	Maximum 40 VA. Supplied continuously (not switched), the level is dependent on the temperature monitored
Ripple Output	Less than 10mV RMS
Temperature Accuracy	±1% of actual temperature (35°C to 40°C)
Temperature Range	35°C to 40°C monitored on the front panel LCD
Temperature Safety Limit	40°C
Analogue Output	50 mV at 35°C to 150 mV at 40°C (20 mv/°C)
Mains Voltage	230 VAC/50 Hz Version, or 115 VAC/60 Hz Version
Dimensions, W x H x D	274 x 320 x 94 mm (10.8 x 12.6 x 3.7 in)
Weight	3 kg (6.6 lb)



A. PY2 73-3748
B. PY2 73-3857
C. PY2 73-3945
D. PY2 73-3856
E. PY2 73-3855
F. PY2 73-3822
G. PY2 73-3854

Operating Tables	Size 1	Size 5
Tripod Base, Non-Heated	PY2 73-3754	PY2 73-3529
Tripod Base, Heated with Power Supply 115/230V	PY2 73-3774	PY2 73-3776
Tripod Base, Heating Controller, 115V	PY2 73-3770	PY2 73-3584
Tripod Base, Heating Controller, 230V	PY2 73-3771	PY2 73-3582
Tripod Base, Homeothermic Controller, 115V	PY2 73-4231	PY2 73-3975
Tripod Base, Homeothermic Controller, 230V	PY2 73-4233	PY2 73-3979
Flat Angled Base, Non-Heated	PY2 73-3768	PY2 73-3530
Flat Angled Base, Heated with Power Supply 115/230V	PY2 73-3775	PY2 73-3777
Flat Angled Base, Heating Controller, 115V	PY2 73-3772	PY2 73-3586
Flat Angled Base, Heating Controller, 230V	PY2 73-3773	PY2 73-3585
Flat Angled Base, Homeothermic Controller, 115V	PY2 73-4232	PY2 73-3976
Flat Angled Base, Homeothermic Controller, 230V	PY2 73-4234	PY2 73-3980
Accessories for Tables	Size 1	Size 5
Repl. Paw Holders, pkg. of 5	PY2 73-3753	PY2 73-3512
(G & E) Holder for Clamping Probes, Electrodes & Cannulae	PY2 73-3854	PY2 73-3855
(F) Thorax Retractor with Ball Chain, 1 pair	PY2 73-3822	PY2 73-3822
(C) Small Holder Link for Higher Loading	PY2 73-3945	PY2 73-3945
(B) Holders for 2 Cannulae with Bubble Trap	–	PY2 73-3857
(D) Holder with Ball Joint	–	PY2 73-3856
(A) Holder for Anesthetic Mask	–	PY2 73-3748
Flexible Probe for All Systems, 1.3 mm OD	PY2 73-7217	PY2 73-7217