

operating tables

Operating Tables Size 1 for Mice, Size 5 for Rodents



Size 1 with Tripod Stand with ball joint



Size 1 with Flat angled Stand



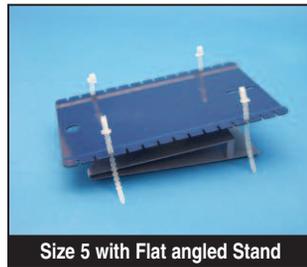
Size 1 with Heating Controller



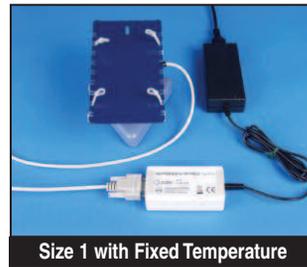
Size 5 with Homeothermic Controller



Size 5 with Tripod Stand with ball joint



Size 5 with Flat angled Stand



Size 1 with Fixed Temperature

Three different versions of the heated operating table are available depending on the level of temperature control required. The heated operating table models have a built-in embedded heating element and temperature probes to ensure the temperature of the table is maintained and for safety shutoff in association with the controllers.

- For general surgical work on small animals (mouse, rat, and guinea pig)
- Eight different versions available for each size:
 - Non-heated with tripod or flat angled base
 - With heating, power supply and tripod or flat angled base
 - With heating controller and tripod or flat angled base
 - With heating, homeothermic temperature controller and tripod or flat angled base
- Includes paw holders
- Capable of receiving thorax retractors and mounting ball joint holders

Eight different configurations are available for each size of the operating table, size 1 for mice or size 5 for larger rodents. Each configuration is equipped with four paw holders. Experimental requirements and user's preference dictate the preferred configuration. The core components for the size 1 consist of a 160 x 100 mm (6.3 x 3.9 in) and for the size 5 of a 300 x 195 mm (11.8 x 7.7 in) plastic coated aluminium plate. Both sides of the plate have multiple slots for fixing the paw holders and optional thorax retractors. Numerous slots and dedicated paw holders allow both large and small animals to be held firmly in position for optimal surgical access. A block clamp with ball joint holder can be fixed onto the plate for holding various probes, electrodes, or cannulae. A 4 mm banana plug outlet is available when grounding of the table is required (e.g. for ECG recordings).

Two different models of the mounting base are available, the traditional Tripod stand mounted on a ball joint allowing the table to tilt in multiple directions or the new Flat Angled version with a lower profile consuming less working height.

The non-heated operating table models are recommended only for necropsy studies or short term anesthetized animal experiments such as procedures calling for the removal of isolated organs or tissues. These models are not upgradeable to heated versions.

Table Specifications

	Size 1	Size 5
Table Plate	160 x 95 mm, Aluminium, Plastic coated	300 x 195 mm, Aluminium, Plastic coated
Height with Tripod	105 mm (Horizontal position)	From 160 to 180 mm (Horizontal position)
Height with Flat Base	45mm	55 mm
Heating Element	Printed circuit board	Printed circuit board
Heater Resistance	6 Ohm	1.5 Ohm
Weight Plate (w Heating)	0.2 kg	0.45 kg
Weight Plate (w/o Heating)	0.3 kg	0.60 kg
Weight Plate Tripod	1.55 kg	1.75 kg
Weight Flat Base	0.10 kg	0.3 kg

The Advanced Fixed Temperature Heated Model with Heating Controller 872/1

In this version, there is no feedback control. The table is heated and maintained at a stable temperature by controlling the amount of DC-energy to the heating element. On the controller the energy is adjustable in a range of 20-100% of the maximum energy. The controller also ensures the safety shutoff. These models are often used for quick surgical procedures or acute animal studies (30 minutes or less) requiring the core temperature of the animal be maintained.

To adjust the controller an electronic thermometer for measuring the animal body temperature is used.

Specifications (Heating Controller)

Power Output	DC 9 Volt, 40 VA adjustable in the range 20 - 100%
Mains Voltage	230 VAC/50 Hz Version, or 115 VAC/60 Hz Version
Dimensions	125 x 95 x 210 mm (4.9 x 3.8 x 8.3 in)
Weight	2 kg (4.4 lb)