

Kymographs & Accessories

Kymograph Accessories



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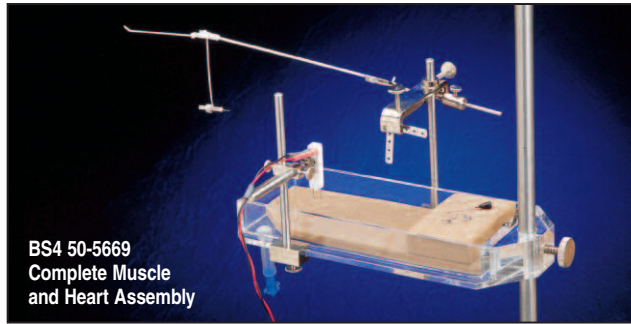
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BS4 50-5669
Complete Muscle
and Heart Assembly

Muscle and Heart Bath

- Available as bath only or as complete assembly with electrode and lever

The Complete Assembly mounts on the upright of the Harvard Apparatus Universal Kymograph, and permits a wide range of experiments with muscle-nerves and

frog hearts. The apparatus is made up of three parts: the bath, the electrode and the lever and pen assembly.

Bath

This clear plastic Bath has internal dimensions of 55 x 150 x 90 mm (2-1/ x 6 x 3/4 in). At one end of the bath is a solid mounting block with a hole and locking screw for securing the bath to a Kymograph upright. A metal spring extends from the bath to the upright for grounding. Muscle preparations can be secured to the base of the bath by passing a pin through the muscle and into the hole situated at one end of the bath. The larger of two flat cork plates supplied can lay in the bottom of the bath and has a hole to allow a pin to be located easily. The smaller piece of flat cork fits vertically into one end of the bath and is used for the locust tibia extensor (levator) muscle preparation. The bottom of the bath has a mounting ledge along the length of each side, providing mounting locations for the electrode and recording lever. The bath has a drain hold, tubing and plug.

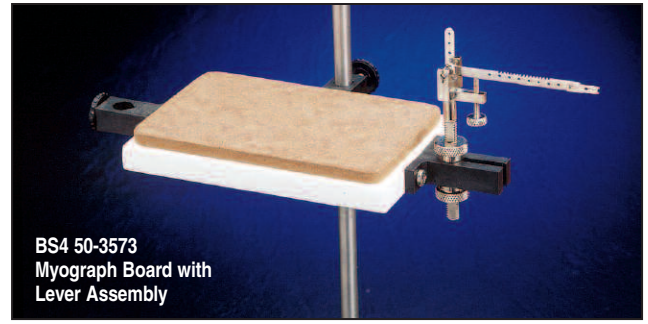
Electrode

The Electrode has its own upright and clamp for mounting to one ledge of the bath giving total freedom of placement. It has two fixed J-shaped stainless steel wires for stimulation and two leads for connection to a stimulator.

Lever and Pen Assembly

The Lever and Pen Assembly has its own upright and clamp allowing vertical adjustment and lateral positioning at any point along the ledge of the bath. The assembly has an L-shaped lever to one side and a pen arm with counter-balance weight to the other. The lever and pen arm is pivoted with needle bearings in a mounting bracket so that the lever is positioned in the center of the bath. Each leg of the L-lever has four holes at 5 mm centers for attaching preparations by thread. One leg is horizontal and the other vertical. A thumb screw can be adjusted to limit the downward movement of the lever. Ink or smoke writing can be achieved with the pen arm. The complete assembly is supplied with: Bath, Lever Assembly and Pen, two cork plates, heart clip, fixing pin and drain plug. The Bath Only is supplied with: Bath, two cork plates, fixing pin and drain plug.

Catalog No.	\$	Product
BS4 50-5669		Complete Muscle and Heart Bath
BS4 50-5677		Muscle and Heart Bath Only



BS4 50-3573
Myograph Board with
Lever Assembly

Myograph Board

- Available with or without crank lever assembly

The Myograph Board has a 6 mm thick cork plate cemented to an acrylic bloc measuring 87 x 139 mm (3.4 x 5.5 in). At one end and one side there are 9.5 mm mount-

ing clamps with locking screws for securing the board to a kymograph upright or suitable stand. At the other end there is a fork fitting for the crank lever. The crank lever has a threaded shank flattened on two sides that slide into the fork fitting and is secured by knurled thumb nuts. The nut can move along the entire length of the shaft giving 38.1 mm (1.5 in) vertical adjustment. The L-shaped lever extends 72 mm (2.83 in) horizontally from the fulcrum and 20 mm (0.78 in) vertically. The horizontal arm has 8 holes and the vertical arm 3 holes for tying thread. A thumb screw can be adjusted to limit the downward movement of the lever. The board without the lever only has one mounting clip.

Catalog No.	\$	Product
BS4 50-3573		Myograph Board with Lever
BS4 50-3565		Board Only

