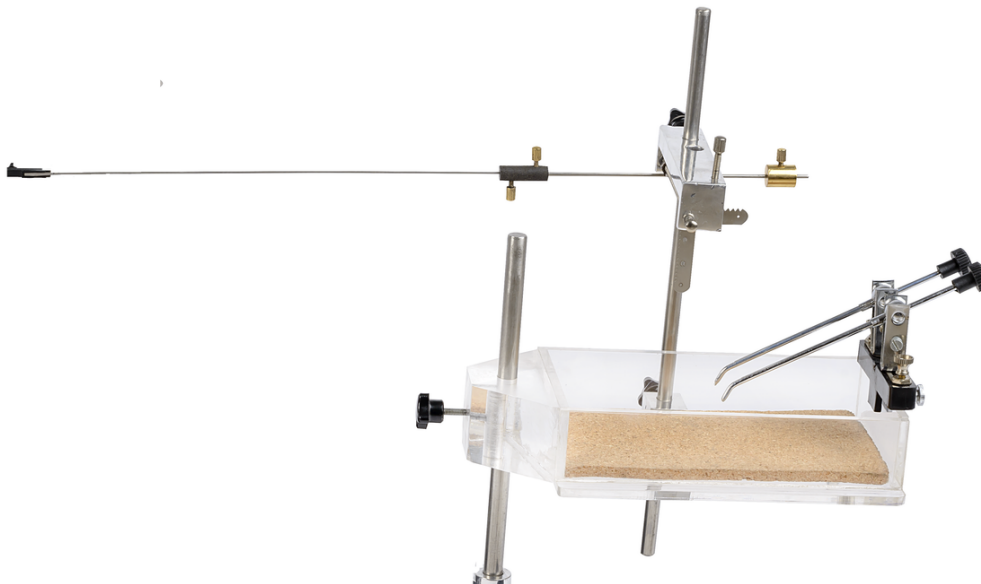


# Muscle & Heart Bath

The Complete Assembly mounts on the upright of the Universal Kymograph, and permits a wide range of Nerve muscle Experiments. The apparatus is made up of the acrylic bath, the electrode, the lever, and the pen assembly.

## **BATH:**

This clear plastic bath has internal dimensions of 90x165x30mm. 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. Muscle preparations can be secured to the base of the bath by passing a pin through the muscle and into the cork plate. 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 stopcock



## **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 ink marker 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 is vertical. An Ink marker can be fixed to the flat end of the capillary rod part of the lever.

## ORDERING INFORMATION:

Model	Suitable for experiments	Accessories Supplied
MHB-01	Nerve Muscle Experiments	<ul style="list-style-type: none"><li>• Bath</li><li>• Electrode</li><li>• Lever Assembly</li><li>• Ink marker</li><li>• Cork plate</li><li>• Heart clip</li><li>• Fixing pin</li><li>• Drain tubing with stopcock</li></ul>

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



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