

Using your Deltaphase® Operating Board

- Place an activated Deltaphase® Isothermal pad into the large depression on the board.
- Cover the pad with the stainless steel plate. A shoulder at the edge of the pad depression stabilizes the plate. For efficient heat transfer, the plate must make contact with the pad. If necessary, add insulator sheets under the pad to lift it against the plate.
- Simple and effective restraint of small animals is achieved by rubber bands looped around the plate. Legs may be tucked under the bands to left and right. A band around the top may be hooked over incisor teeth to hold the head back. Additional bands can provide tension to simple wire hook retractors.
- Some workers prefer to omit the metal plate entirely and lay the animal directly on the pad. This provides excellent thermal contact. Restraint may be achieved by taping the animal to the pad or board edge.
- Accessory wells have been molded into the end of the board for convenient storage of instruments, gauze, sponges, irrigating solution and anesthetic agents.
- The Deltaphase® Operating Board will maintain a stable temperature for one to four hours, depending on laboratory conditions. When the pad temperature falls below the isothermal range, simply lift the plate caring the animal and insert a newly activated pad.
- Because no electrical or spark producing components are used, the Deltaphase® temperature control system is completely safe in the presence of flammable anesthetics such as ether. (However, we urge that strict precautions be maintained when using ether, since smokers, static electricity and nearby laboratory apparatus may still constitute a hazard.

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