

Magnetic Clamp Kit

The Warner magnetic clamp kit provides our classic series 20 open bath chamber users with a convenient method of mounting or clamping tools onto their perfusion chamber. The MCK-1 is designed for the low-precision positioning of a variety of tools including: aspirator suction lines, gas jets, perfusion tubes, ground electrodes, hold down needles, and bath thermistor probes. In addition to the four sets of magnetic plates each kit comes with six magnetic supports examples of each magnetic holder in use are shown in figures 3-6.

A magnetic clamp for mounting 1/4 inch (6.3 mm) diameter devices has a rotation joint with a locking knob. This clamp is useful for turning a standard electrode holder into an agar bridge for grounding the bath. The two low profile twin magnets with silicone rubber pads can be used for mounting needleless steel holders. The MCK-1 kit also includes a mechanical clamp with two slits that hold on to small diameter tubing such as a suction tube. The remaining two clamps are designed for ground wires or for thermistors needed in the bath.

As shown in figure 1 each kit comes with four sets of magnetic stainless steel mounting plates. Three of these sets can be attached to the platform clamps by using the double sided adhesive tabs. Figure 2 shows how to align the plate on platform clamp, be sure to clean the clamp before mounting magnetic plate. The one piece mounting plate is attached via the same four metal screws normally used to clamp the chamber into platform.

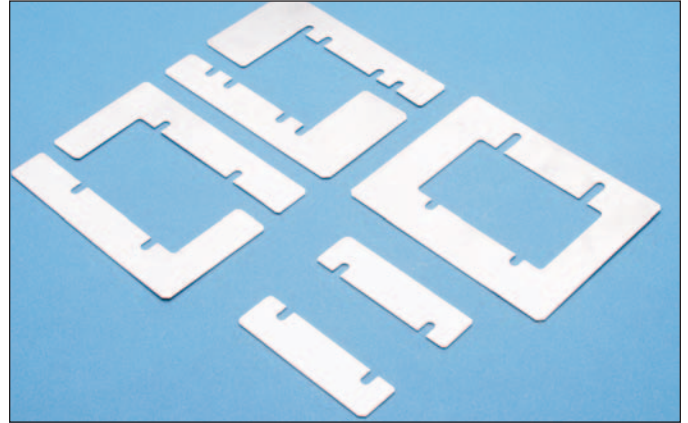


Figure 1. 4- Sets of Magnetic Plates

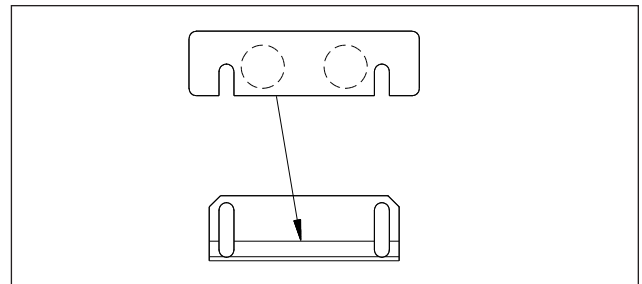


Figure 2. Mounting Magnetic Plate using double sided adhesive tape



Figure 5. MAG-3 Magnetic Clamp for Wires

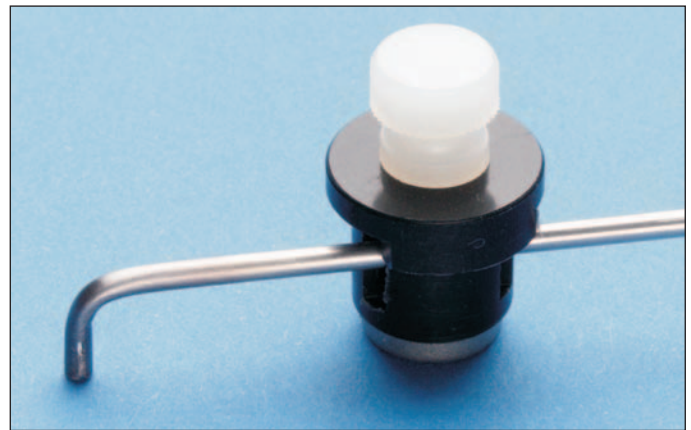


Figure 3. MAG-2 Suction Tube Holder

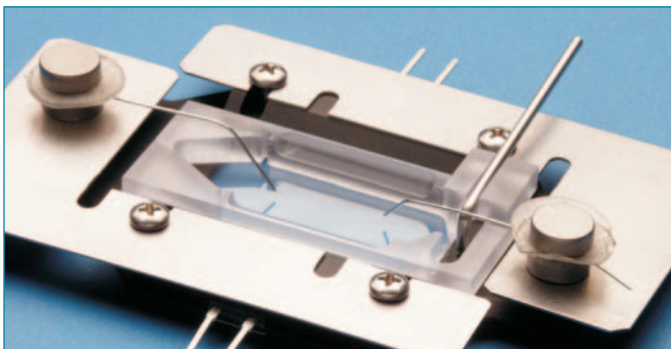


Figure 6. MAG-4 Twin Magnets for needle hold downs



Figure 4. MAG-1 Magnetic Clamp for 1/4 inch (6.3 mm) Devices