

# CytoSupplies

517 Grand St. Trenton, NJ 08611 USA

Tel (609) 310 5266 Fax (609) 310 5743 Email: [service@cytosupplies.com](mailto:service@cytosupplies.com)

## Magnetic Pump Mount Part 14-MP,CDR-MP,CDR-MP6 D370PmpMInst.Doc Mar 20

If your CytoTherm plasma thawer has a removable, rocking bath (Models CT-3, CT-3T, CT-4T, CT-4T.6C or CT-DR) the pump is located inside the chassis on the back of the bath. Remove the chassis by unscrewing the 4 screws on the **side** of the chassis. Do not unscrew the screws inside the bath.

On all other models the pump is accessible when the panel cover is removed.

The magnetic pump has 2 main sections; the **motor**, which mounts outside the bath, and the **pump assembly** (pump head, front housing, and the screen), which mount inside the bath. If your thawer has a stainless-steel plate in front of the screen, remove it from the old **pump assembly** and remount it in the new **pump assembly**. Hold the pump head and screen together as you remove and replace screws. Do not take the pump assembly apart.

Clean the old sealant from the wall of the bath and place a small bead of the enclosed E6000 sealant or RTV Silicone around the inside face of the pump head, near the outside of the pump head. This prevents water from reaching the large center hole. Use the screws as guides and squeeze the pump assembly against the tub wall. Make sure that no sealing material is squeezed into the center hole. This excess material could jam the motor.

Remove the backing material from the rubber washers and place the rubber washers over the screws on the outside of the tub. Screw the screws into the motor. Make sure the motor is mounted at the proper angle to fit inside the chassis. Do not overtighten the screws. The rubber washers seal the small screw holes in the tub wall.

Connect the wires. The green lead is ground (earth). The black wires are 120 Volt AC. All the models, 120 or 240 volt use 120 Volt AC pumps except the 240 Volt AC Model CT-S which uses a 240 Volt AC pump with red wires.

