



# TECHNICAL SERVICES BULLETIN

010-019 MP2000 Coolant Level  
October 11, 2002

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**Scope:** All MP2000 Plasma Freezers

**Subject:** *MP2000 Plasma Freezer Coolant Level*

Your current MP2000 Operator Manual states the coolant level measurement to be 1/8<sup>th</sup> of an inch from the bottom of the freezing chamber. It was determined that 120 gallons of InstaCoolant IV will measure approximately 1/4 to 1/2 inch from the bottom of each freezing chamber while the freezer unit is at rest and coolant is at the operating temperature of -55C.

## **Procedure**

### **1. Quarterly Preventive Maintenance – Check Coolant Level**

- When performing your next Quarterly Maintenance, check coolant level per instructions in your Operator Manual.
- If the level of coolant is less than approximately one half (1/2) inch from the bottom of the freezing chamber, add coolant to the proper level. To add coolant, follow the instructions in your Operator Manual. Adding 4.5 gallons of InstaCoolant IV will increase the level by 1/2 inch.

### **2. Note the Changes**

- Please note the above changes in your MP2000 Operator Manual and make your staff aware of this change when viewing your MP2000 Plasma Freezer Operation and Maintenance Videos.

If you have any questions, contact THERMOGENESIS CORP. Customer Service at 800-783-8357 (U.S. and Canada) or 916-858-5100 (non-U.S./Canada) for assistance.