



## **Please Read Carefully Before Performing**

### **Fecal Flotation Test**

#### **With your UNICO Centrifuge**

Your **UNICO C8606** Horizontal Centrifuge is a precision instrument designed to tight tolerances. When used as directed, your centrifuge will give you years of faithful service. Fecal Flotation Procedure is a delicate test requiring precision techniques to achieve successful and consistent results.

#### **CENTRIFUGE SPEED MUST BE SET AT 1300 RPM!**

The protocol developed in collaboration with Kansas State University requires a centrifugal force to be set at 280 G. This can be achieved by setting your UNICO centrifuge to 1300 RPM. Please refer to the centrifuge manual for detailed instructions.

#### **BALANCE IS THE KEY!**

**DO NOT USE WATER FILLED TUBE TO COUNTERBALANCE YOUR SAMPLE!**

**TUBE FILLED WITH FLOATING SOLUTION MUST BE USED FOR PROPER BALANCE!**

Proper load balancing is essential to safe and effective use of your centrifuge. Fecal Flotation Protocol requires you to use a floating solution with specific gravity in the 1.18 – 1.27 range. This solution is 18% to 27% heavier than water. To achieve maximum performance and minimize the possibility of errors or spills, use a tube filled with the floating solution to balance UNICO centrifuge.

**NOTE:** If using Nalge 15 ml Conical Tubes, there may be plastic “Burrs” on the top lip of the tube that could prevent the cover slip from staying on the tube during the run. Please inspect and trim as needed.



**Please review the following guidelines, developed specifically for Fecal Flotation Test.**

**When loading tubes with samples to spin please carefully do the following:**

- 1) Always load equal volumes of the same liquids and solids in the tubes that will be spun opposite each other, to properly counterbalance the centrifuge.
- 2) Always load the centrifuge rotor with tubes of equal volume of same liquids and solids opposite each other in the rotor to balance the load.
- 3) Before you start the run, make sure that the speed is set at 1300 RPM.
- 4) When you start the run, always check to make sure the load is balanced before leaving the centrifuge to do other things.
- 5) **Check for proper balance:** After the run starts make sure the centrifuge gets up-to-speed without shaking or rattling.
- 6) If the centrifuge is off-balance (shaking or rattling) when spinning, press the “**STOP**” button immediately, wait for the rotor to stop and re-balance.
- 7) Call **UNICO** customer service at 800-588-9776 with any question or comments.