



SET-UP CHECKLIST

SAMPLER	Must be in the upright position to operate correctly.
BATTERY (12V)	Battery must be fully charged before placed in unit. Make sure battery is connected to unit.
BATTERY (9V)	Make sure battery bar support is tight and secure. Make sure battery is connected to unit at all times. <i>(ONLY used to maintain the screen and data while 12 volt battery is replaced.)</i>
BOTTLE	Make sure bottle is secured upright by Velcro Make sure bottle lid is tight.
PICK UP TUBE	Make sure pick up tube is connected to unit. Make sure pick up tube tubing is obstruction-free (i.e. no kinks). Make sure strainer is in contact with water source. Make sure strainer is debris-free (i.e. leaves)
RAIN GAUGE	Make sure rain gauge is mounted on a level surface. Make sure plastic tie is cut and remove from tipping mechanism. Make sure rain gauge is threaded through case and sealed. Make sure rain gauge is plugged into control panel.

QUICK REFERENCE OPERATION MANUAL

Press “Scroll”, the “Set Rainfall Limit” screen will appear.
Press “Set” until the desired limit is shown (0.50, 1.00, and 2.00).
 Press “Scroll”, the “Reset Rainfall Count” screen will appear.
Press “Set” to reset the rainfall count to 0.00.
 Press “Scroll”, the “Run Pump Forward” screen will appear.
Press “Set” to start and stop the pump (running forward).
 Press “Scroll”, the “Run Pump Backward” screen will appear.
Press “Set” to start and stop the pump (running backward).
 Press “Scroll”, the “Enable/Disable Water Sensor” screen will appear.
Press “Set” to enable or disable the water level sensor. If enabled, “LD” will appear.
 Press “Scroll”, the “Enable/Disable EOM Reset” screen will appear. *(2” to 1” ONLY)*
Press “Set” to enable or disable the end of month reset. If enabled, “EMR” will appear.
 Press “Scroll”, the “Adjust Time & Date” screen will appear.
Press “Set” to increase the value of the cursor one value.
 Press “Scroll” to advance the cursor to the next cell.
When complete, the “Exit to Menu” screen will appear. Press “Set” to exit.
 Press “Scroll”, the “Press Set to Start” screen will appear.
Press “Set” and “running” will appear and the TR-3000 is now operational.

TROUBLESHOOTING

NO POWER	Check power switch. Check battery connections. Check battery power/charge. Check fuse.
NO SAMPLE TAKEN	Check operational status mode on control panel. Check strainer. Check pick up tube. Check bottle.
Additional operational status fields that may appear include the following:	
WAITING WATER	When the water level sensor is enabled, and the rainfall limit has been reached, but the Water Level Sensor is not in contact with the water, the “Waiting Water” screen appears.
SAMPLE ABORT	Whenever the sampling process has been stopped by pressing “Set”, the “Sample Abort” screen appears.
ALREADY FULL	When the sample bottle is full, meaning the high water shut off float is activated, and another sampling event is triggered, the controller will not allow additional samples and the “Already Full” screen appears.
PUMP TIMEOUT	When the high water shut off float is not activated in 4 minutes, the unit will automatically stop the pump, saving the battery and pump from excess use and the “Pump Timeout” screen appears.

