

**Manufacturer and Product Information**

Mission Diagnostics  
A Division of Diamond Diagnostics, 333 Fiske Street, Holliston, MA.

**For Technical Assistance call:**  
Diamond Diagnostics Technical Services at 1-508-429-0450

**Intended Use:** This ISE Fluid Pack is intended for use only in the Vital Scientific Systems .

**Reagents:** Each Fluid Pack contains Standard A, Standard B and Reference Solution.

**Containing:** Standard A –350 mL - active ingredients: Sodium 15.0 mmol/L, Potassium 0.5 mmol/L, Chloride 11.5 mmol/L,  
Standard B – 85mL - active ingredients: Sodium 5.0 mmol/L, Potassium 0.18 mmol/L , Chloride 6.0 mmol/L  
Reference Solution 100mL – active ingredients: Potassium Chloride 1.2 mol/L  
Also included are other non-reactive ingredients necessary for optimal system operation.

**For *in vitro* diagnostic use only**

**Cautions:** Do not freeze. When used, the Fluid Pack contains human body fluids. Handle with appropriate care.

**DO NOT turn the instrument power OFF with the Fluid Pack installed, as this can cause contamination of the unused standard solutions remaining in the pack .**

**Additional Instructions :** Complete instructions for the use of this Fluid Pack are contained in the corresponding Operator’s manual.

**Storage and Stability:** The contents of this package are stable when stored at 18-25° C until the expiration date printed on the label.

**Installation Instructions**

- Procedure:**
- 1 - Press **NO** until the prompt, **OPERATION FUNCTIONS?** is displayed. Press **YES**, the prompt **Check/Change Fluid Pack?** will be displayed.
  - 2 - **Removal of Used Fluid Pack** - Grasp the pack firmly and pull outward. If removal is difficult, press on the end of the Fluid Pack guide pin (protruding through the connector located to the left of the measuring chamber inside the front door).  
**NOTE:** *The ISE Fluid Pack must be treated as medical waste and disposed of in accordance with local regulations.*
  - 3 - **Preparation of New Fluid Pack** - Before use, remove the red plastic caps from the connector nipples. Save caps to close the connector nipples of used packs.  
  
Write the date of installation on the label side of the Fluid Pack with a permanent marker.  
  
Press the new pack firmly into the cavity on the left side of the instrument while holding the right side securely for stability.
  - 4 - Press **YES**. The analyzer will display the amount of fluid remaining. Then, the prompt **New Reagent Pack Installed?** will appear.  
  
Press **YES** to indicate that a new reagent pack is installed. The analyzer will prompt **Are you sure?**  
  
Press **YES**, and the AVL Electrolyte Analyzer will automatically reset the fluid pack counter to 100% and commence system calibration.