



ALICIA DIAGNOSTICS INC.

**A reliable and
user-friendly
way to deliver
accurate incremental
amounts of critical
medications.**

ABOUT US

Alicia Diagnostics Inc. was founded in Central Florida in 1989 by dedicated engineers whose passion was the perfection of each task they tackled. Our team has designed and developed sleek, top-of-the-line infusion and syringe pumps that are undoubtedly the best on the market today.



**Volumetric
Infusion Pump
AD-2587**



LIST OF FEATURES

- Advanced battery charge circuit, maximizes internal battery life, tailors charge cycle to battery charge condition.
- Advanced internal battery monitor circuit, monitors battery charge condition and tracks battery capacity reduction due to battery ageing.
- Optional bar code scanner for direct entry of medication name, lot number, and expiration date.
- Optional wireless (RF) module for wireless operation.
- Totally independent onboard monitor circuit to verify proper pump function. Monitor circuit contains fail-safe shutdown circuit and redundant alarm circuits.
- Optional dedicated battery for monitor circuit, allows operation of monitor circuit even if AC mains have failed and main pump battery is discharged.
- Secondary keypad monitor circuit, monitors operation and condition of keypad.
- Keypad lockout-switch helps prevent patients and visitors from changing pump function.
- Long life, high quality motor and drive components. Direct drive with no belts or plastic gears.
- Totally independent LCD displays allow viewing of display without backlight if battery conservation is desired.
- User selectable downstream occlusion pressure limit with bar graph to display current infusion pressure.
- Ultrasonic air-in tubing detection, more accurate than IR or optical sensing.
- Multiple-point tubing position sensing confirms tubing is properly installed in pump tubing channel.
- Power switch disable ensures pump power cannot be accidentally turned off until infusion has completed or infusion is manually stopped.
- Independent LED indicators for “alarm”, “warning” and “normal” conditions.
- Individual LED warning indicators for low AC (mains) voltage and high AC (mains) voltage.
- Pump door lock ensures that pump door cannot be opened while pump is infusing.
- Non-volatile “infusion history” stored for last 50 patient infusions.
- Non-volatile “error” log stores last 50 pump error/failure codes.