

# Features and Benefits Analysis

## Freedom60 Infusion Pump

Features	Size (12" x 4.5" x 1.6" – 14oz)
Benefits	Lightweight, portable, easy to store
Features	Molded ABS plastic pump housing
Benefits	Rugged, easy to clean
Features	Travel pouch with hidden progress window, adjustable strap, and zipper compartment
Benefits	Portable, discreet
Features	Large handle
Benefits	Easy to hold, easy to carry, can be hung on bed, chair, etc...
Features	Recessed on/off switch
Benefits	No inadvertent shut off
Features	Large ergonomic turning knob
Benefits	Easy to grasp, easy to turn, disengages when the pump is in the on position
Features	Clear-view syringe shield
Benefits	Easy to check infusion progress, prevents mishandling of syringe plunger
Features	Spring-loaded syringe holder
Benefits	Locks the syringe into the pump and maintains proper syringe orientation, prevents inadvertent removal during administration
Features	4-step setup
Benefits	Easy to operate, easy to train

## Syringe

Features	Standard 60ml capacity
Benefits	Can be filled from 1ml to 60ml, easy to handle and purge of air
Features	Gradated
Benefits	Easy to verify contents, easy to verify administration time
Features	Constructed of medical grade polypropylene
Benefits	Greater stability and drug storage life vs. PVC bags and elastomeric containers(1), less refrigeration or freezing time required, extremely durable

## Rate Controlled Tubing

Features	Patented luer disc connector
Benefits	Protects against set touch contamination, required for the pump to operate, no runaway
Features	Flow rates from F0.5 to F2400
Benefits	Variety of administration times, no free-flow, no bolus, no overdose
Features	Standard male end luer
Benefits	Compatible with any sub-q needle set
Features	Equipped with slide clamp
Benefits	Ability to stop flow immediately
Features	Equipped with waterproof label
Benefits	Assures correct tubing is being used

## Cost

Features	Reusable pump – Reliable for 4,000 infusions
Benefits	Low capital investment
Features	Manual operation
Benefits	No battery replacement/charging required, no electricity used
Features	Virtually no pump maintenance
Benefits	Lowers operating costs
Features	Economically priced tubing
Benefits	Lowers cost per use
Features	Medicare reimbursable for some applications
Benefits	Lowers out of pocket expense

## Safety

Features	Flow rate accuracy +/- 8%
Benefits	Consistent delivery of medication, less site complications
Features	Operating pressure of 13.5psi
Benefits	Clinical max recommended is 15psi(2), maintains flow at differing heights, maintains full pressure during and after the infusion

(1) Drug Stability and Compatibility Special Consideration for Home Care, H.A. Lima, R.Ph., *Infusion*, August 1996, pg. 10-16

(2) Aspects of Pressure Build-up in the Use of Electronic Infusion Devices, M.B. Stuhmeiser, *Anasth Intensivther*, August 1987, pg. 185-190