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INFUMIX

INNOVATING COMPOUNDING

DCC VITAL

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INFUMIX.
THE SYSTEM THAT GREATLY INCREASES THE ACCURACY OF PHARMACY DISPENSING AND LIGHTENS THE EFFORT OF THE MEDICAL AND PARAMEDICAL STAFF.

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PRODUCT **FEATURES**

EASY TO READ DISPLAY

Using Nokia LCD technology, the display is clear and easy to read in most lighting conditions.

ERGONOMIC SENSOR CONTROLLED ACTUATOR

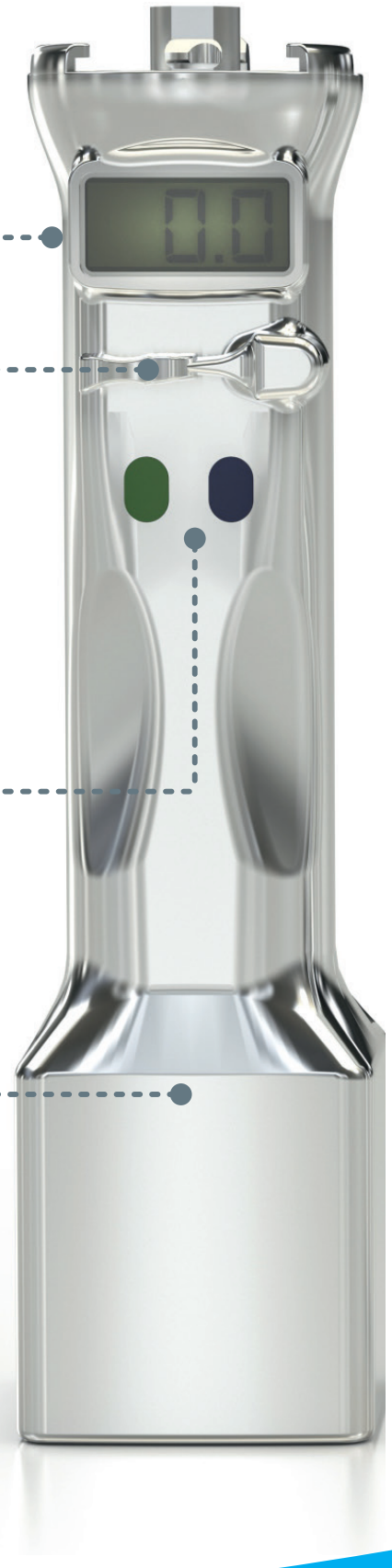
The actuator has been designed for optimum thumb placement to avoid any type of strain injury, with infusion rates from 0.1ml at 1% accuracy levels, much higher than the 5-10% accuracy of manual syringes.

SIMPLE CONTROLS

The unit has two simple controls – a Green ON/OFF button and a Blue Zeroing function, to allow the user to mix more complex compounds without detaching the Infukit syringe from the unit.

ROBUST DESIGN

This patented design is constructed from solid aluminium and is precision machined. It is both strong and lightweight, weighing just 750 grams. Infumix is compatible with all compounding cleaning solutions.



INFU**MIX**

SIMPLE LOCKING MECHANISM

A mechanical, robust locking system ensures the syringe cannot be accidentally removed from the Infumix pump.

COMPACT AND POWERFUL

With a filling force of 45kg, the unit can infuse even the most viscous of compounds, such as Taxol, safely and without any effort or strain to the operator, especially when infusing high pressure vials or elastomeric devices, which can drastically reduce the incidence of RSI.

PORTABLE HANDHELD UNIT

Ergonomically designed to be held by one hand comfortably, the Infumix is extremely portable and takes up very little space. The pump was designed to function in all types of isolators with very restricted compounding areas maintaining simple but effective workflows.

MEDICAL GRADE POWER SUPPLY

The DC power supply is a medical grade, low voltage unit that connects to a standard mains outlet, or power outlets built into the isolator.

INFU**KIT**

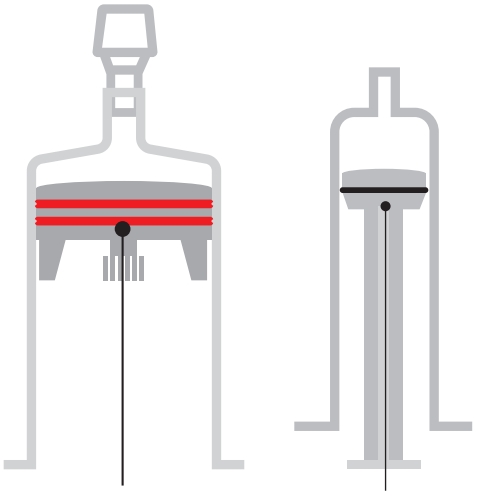
100% CLOSED SYSTEM SYRINGE

Compliant with CSTD-USP 800 recommendations, the Infukit is a dedicated patented double seal syringe designed for use with the Infumix Pump.

The Infukit is manufactured using a PVC-free similar to normal manual syringes and is compatible with oncology drugs such as Taxol. The Infukit has to seals, which are designed to make the unit extremely accurate and 100% leakproof. The double seal avoids any contamination, thus making it safer for the operator. It also maintains drug integrity and facilitates safe disposal after use.

The Infukit, when used with a CSTD adaptor, complies with USP 800 standards as a totally closed system and our double seal technology increases accuracy with neutral internal residue, improving production efficiencies.

The seal is activated when the syringe is attached to the Infumix pump, creating a barrier to prevent any harmful compounds escaping.



DOUBLE SEAL

CLOSED SYSTEM PREVENTS RISK OF VAPOUR AND DRUG RESIDUE

STANDARD SEAL

OPEN END RISKS LEAK OF VAPOUR AND RESIDUE

The Infukit is available as an innovative bonded CSTD Qfow connector, to further ensure the integrity of the syringe and the contents. This connector has been developed in conjuction with the Infumix system to ensure a 100% closed system.

The Infukit range offers Infukit with bonded Qfow adaptor, Triple set for vial to minibag filling, bolus syringe adaptor and empty minibags with luer lock connections.

Infukit is compatible with all CSTD systems and mirrors the same compounding procedures as manual syringes.

With capacity from 0.1ml to 50ml, the Infukit closed technology can provide rapid compounding of vials, minibags, syringes and infusers with outstanding accuracy, benefitting pharmacy workflows and costs.

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REPETITIVE **STRAIN** INJURIES

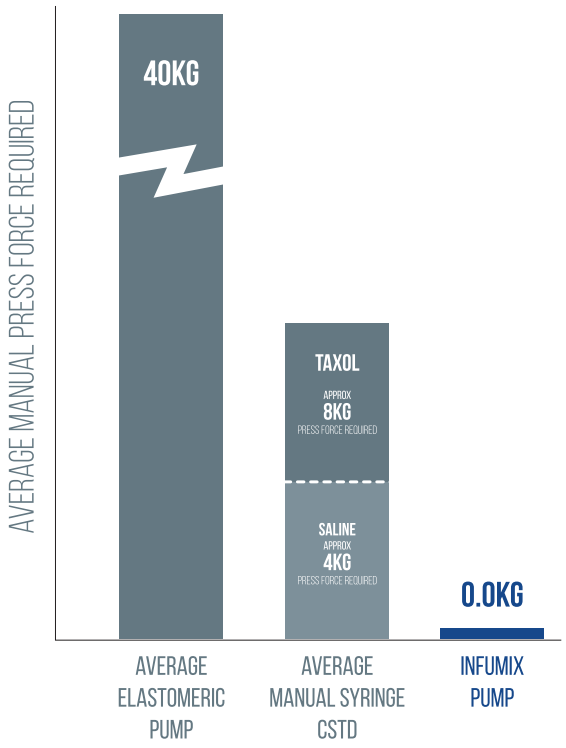
Repetitive Strain Injury (RSI) is a general term used to describe a number of painful conditions which affect the body's muscles and nervous system and which are associated with repetitive work and other forms of overuse such as, static tension of muscles for long periods of time.

Repeated compounding of manual syringes may cause the operator in some cases to experience RSI to varying degrees, and the viscosity of solutions used will add to the base amount of press force required for some vials and infusers.

This force is dramatically increased with some drug vials and elastomeric pumps and requires a much greater effort on the part of the operator to fill.

Infumix was designed to remove the need for manual force in the compounding process, giving the user a simple, no strain alternative to exerting force repeatedly, day after day, which also has the benefit of reducing the amount of days lost to injury and subsequent recovery times.

Only the slightest amount of pressure is required to use the Infumix pump, as the actuator lever is very sensitive and easy to control.



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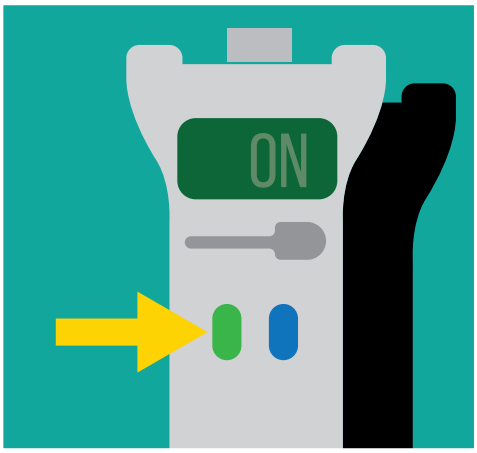
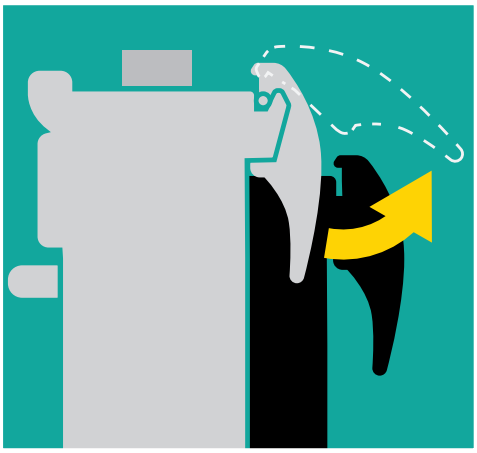
HOW IT **WORKS**

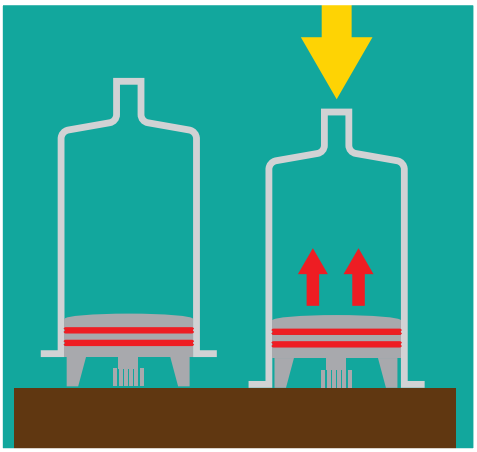
SETTING UP THE INFUMIX



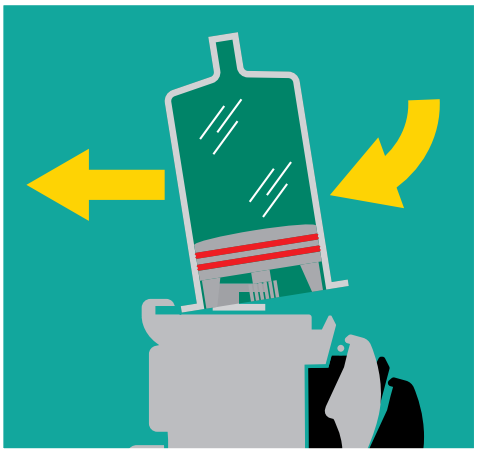
STEP1: **POWER ON THE INFUMIX PUMP**
Press and hold the Green button to turn on the Infumix Pump. Check the display has activated and reads ON.



STEP2: **RELEASE THE LOCKING MECHANISM**
To unclip the locking mechanism, pull the lever away from the unit at the base to release the lock.

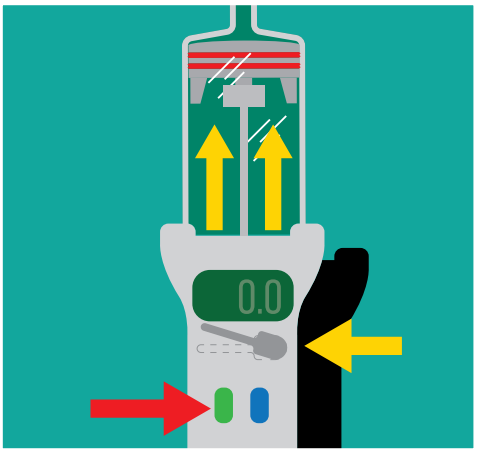


STEP3: **PREPARE INFUKIT SYRINGE**
Before attaching Infukit syringe, press it down onto a hard surface to move the plunger into position and activate the double seal.



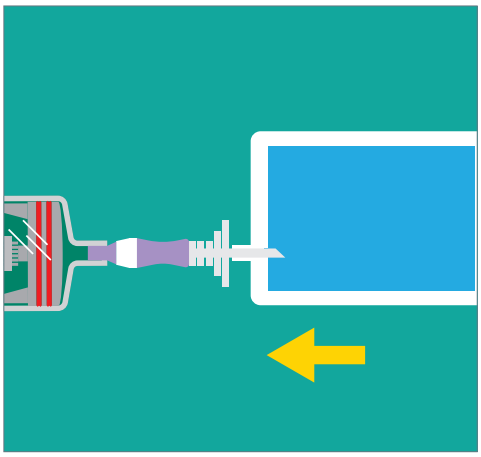
STEP4: **SLIDE INFUKIT SYRINGE FROM BACK**
Ensure piston is fully retracted, then slide the Infukit syringe from the back at an angle and locate under the ridges around the top of the unit.

STEP5: **LOCK THE SYRINGE IN PLACE**
Push the locking clip back down, ensuring the pressure lugs are located in the groove. The syringe is now locked in place.

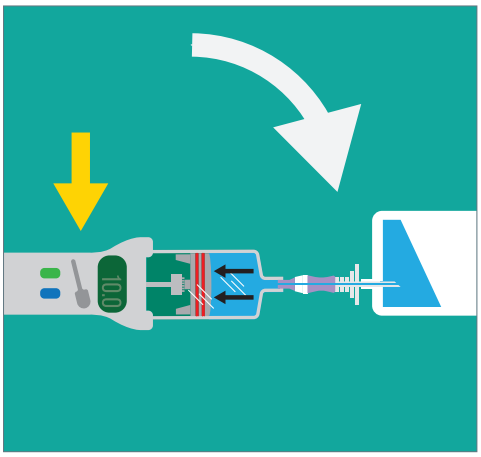


STEP6: **SET POSITION OF INFUKIT TO ZERO**
Once the Infukit is properly seated, activate the pump, moving the piston to the maximum height. Press Blue button to reset display to zero.

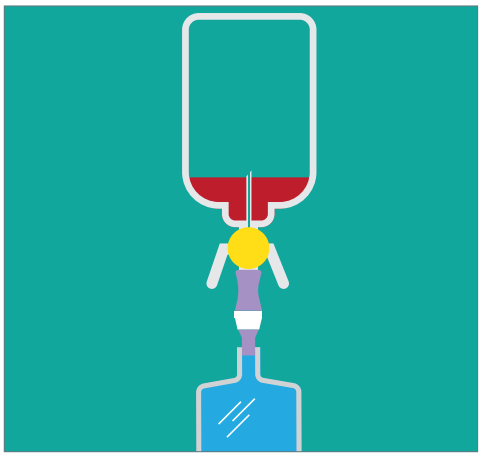
HOW IT **WORKS**
BASIC COMPOUNDING



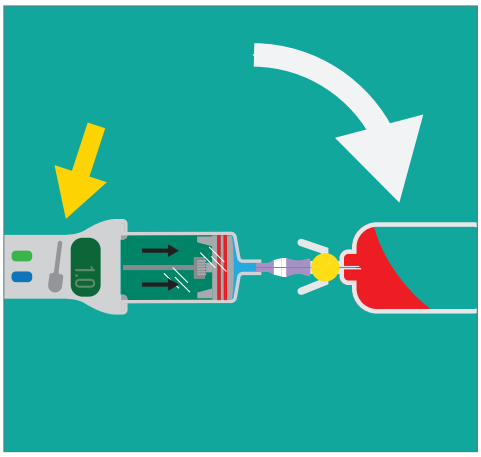
STEP1: **ATTACH SALINE BAG**
Using a CSTD connector or spike, connect a full saline bag to the Infukit syringe.



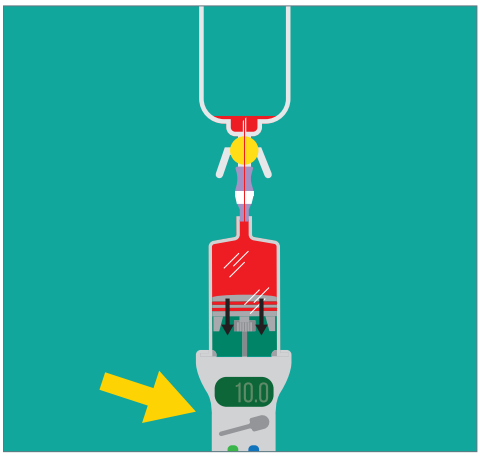
STEP2: **WITHDRAW THE SALINE**
Use the actuator to withdraw the required amount of saline into the Infukit, checking the readout to confrm quantity.



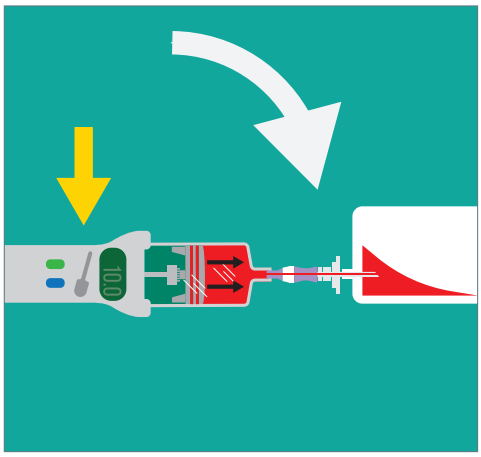
STEP3: **ATTACH VIAL WITH COMPOUND**
Rotate the unit. Detach the saline bag and attach a vial of compound using a vented CSTD spike, with the unit held upright.



STEP4: **INFUSE COMPOUND WITH SALINE**
Rotate unit horizontally and push the actuator lever up to infuse the required amount of saline into the vial, using the readout to check quantity.



STEP5: **DRAW COMPOUND MIX TO SYRINGE**
Holding the unit vertically, shake the infusion to ensure a good mix and pull the actuator down to withdraw the infusion mix into the Infukit.



STEP6: **DISPERSE COMPOUND TO BAG/SYRINGE**
Attach an empty minibag, elastomeric pump or syringe to the CSTD connector. Holding unit horizontally, use the actuator to infuse compound into bag/syringe with the correct dose.

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AVAILABLE **PRODUCTS**

Item	Description	Quantity	Code
Infumix Pump	In hard case with low voltage power supply	One	**C1000**
Infukit Syringe	Open Non-CTSD	Box of 150	**I1000**


40
50
ml

Fannin UK Ltd.
Fernhouse - Suite 3
Daniels Industrial Estate
Bath Road, Gloucestershire
GL5 3TJ, United Kingdom
T: +44 (0) 1453 874 130
E: serviceuk@fannin.eu

Adria Med SRL
Via Ignazio Silone 1
65028 Tocco Da Casauria (PE)
Italy
T: +39 085 8886011
E: infumix@adriamed.com