

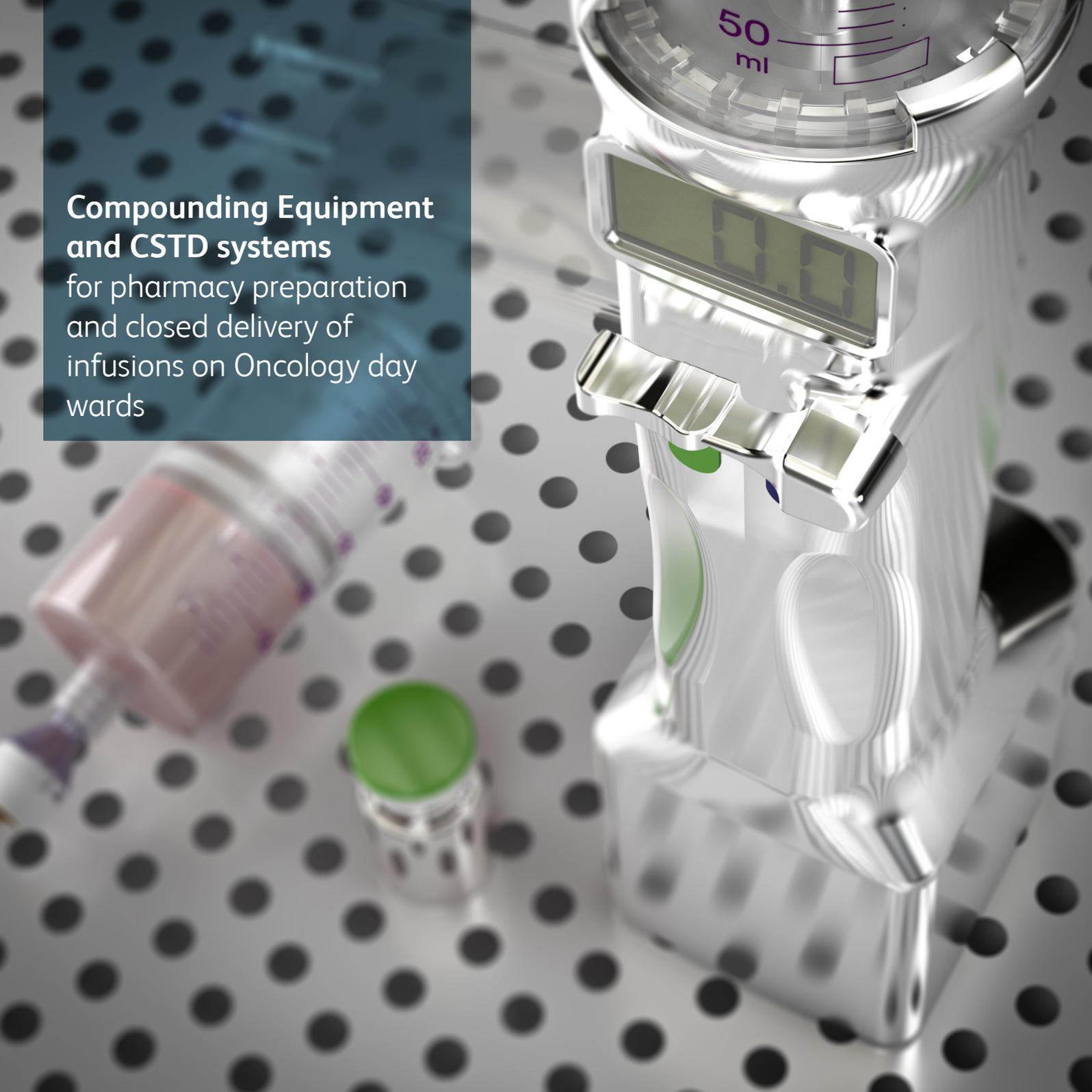
caragen

SERVING HEALTH

**ONCOLOGY
CSTD SYSTEMS**
AND INFUMIX COMPOUNDING

Compounding Equipment and CSTD systems

for pharmacy preparation
and closed delivery of
infusions on Oncology day
wards



“ I WANTED TO CREATE A SYSTEM THAT GREATLY INCREASES THE ACCURACY OF PHARMACY DISPENSING, AS WELL AS TO HELP ALLEVIATE SOME OF THE STRAIN THE PEOPLE WHO TIRELESSLY WORK TO SAVE LIVES FEEL ON A DAILY BASIS. ”

GABRIELE GIOVANELLI

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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

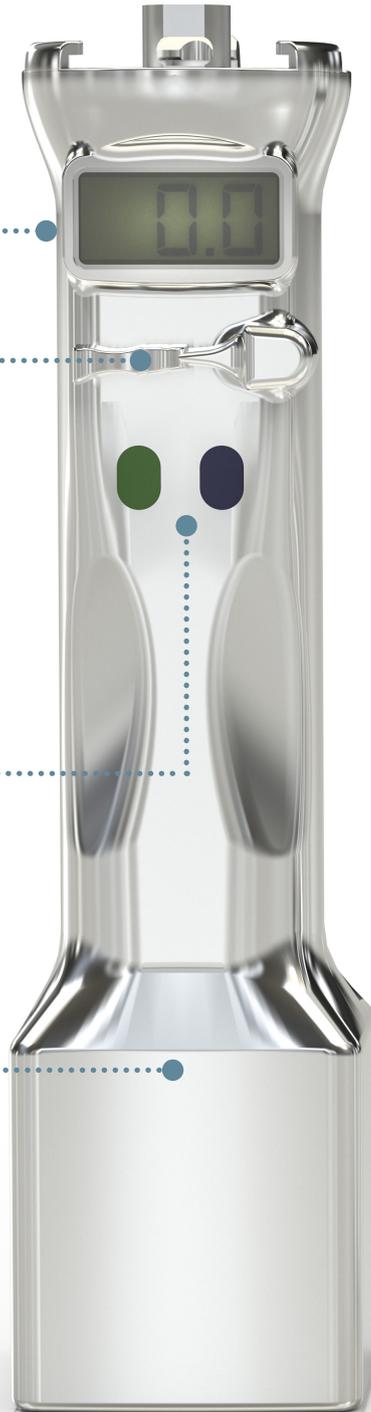
The actuator has been designed for optimum thumb placement to avoid any type of strain injury, with infusion rates from 0.1ml at 1% accuracy levels, much higher than the 5-10% accuracy of manual syringes.

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.





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.

INFUKIT

100% CLOSED SYSTEM SYRINGE

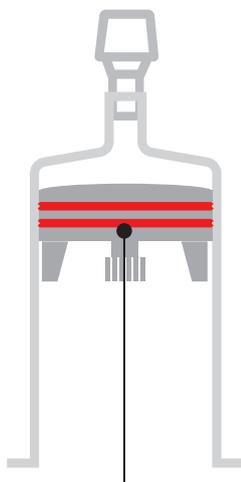


Compliant with CSTD-USP 800 recommendations, the Infukit is a dedicated patented double seal syringe designed for use with the Infumix Pump.

The Infukit is manufactured using a PVC-free material similar to normal manual syringes and is compatible with oncology drugs such as Taxol. The Infukit has two seals, which are designed to make the unit extremely accurate and 100% leakproof. The double seal avoids any contamination, thus making it much 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

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

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

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

INFUKIT is ideal for filling your own Elastomeric Infusers.



REPETITIVE **STRAIN** INJURIES

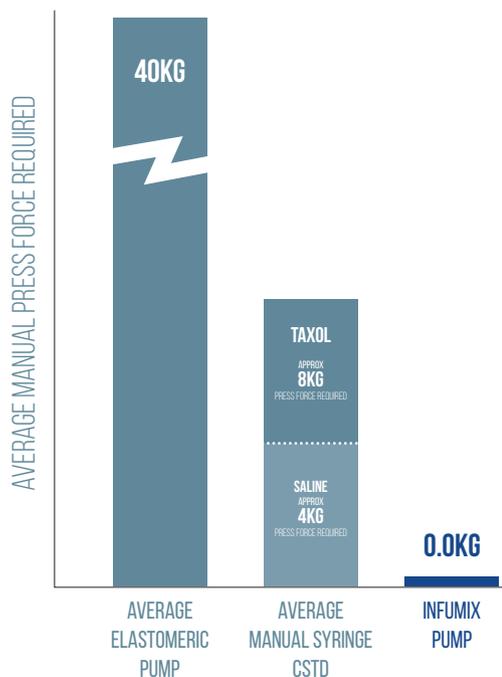
Repetitive Strain Injury (RSI) is a general term used to describe a number of painful conditions which affect the body's muscles and nervous system and which are associated with repetitive work and other forms of overuse such as, static tension of muscles for long periods of time.

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.



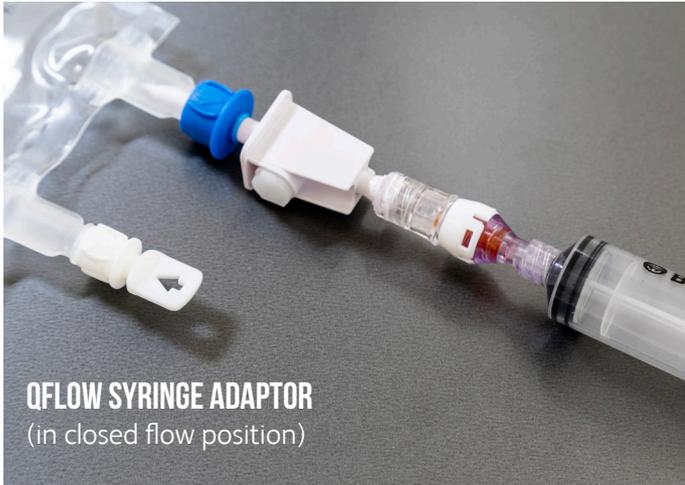
INFUMIX **SYSTEMS** AND BTC CSTD ONCOLOGY

ITEM DESCRIPTION	QUANTITY	CODE
INFUMIX PUMP IN HARD CASE WITH LOW VOLTAGE POWER SUPPLY	ONE	C1000
INFUKIT SYRINGE (OPEN NON-CSTD)	BOX OF 125	I1000
QFLOW CSTD ADAPTOR WITH WHITE CAP	BOX OF 100	4010Q
BAG SPIKE WITH INSERTION WINGS	BOX OF 150	4036
BAG SPIKE WITH AIR INLET	BOX OF 100	4038
BAG SPIKE FOR SECURE FIXATION DESIGN TO BAXTER IVs	BOX OF 100	3009115
20MM DRUG VIAL ADAPTOR	BOX OF 150	4047
13MM DRUG VIAL ADAPTOR	BOX OF 150	4047B
MINI DRUG VIAL ADAPTOR	BOX OF 150	4047C
Q FLOW INLINE SET FOR SECURING TO VOLUMETRIC PUMP SPIKES	BOX OF 150	045-522
20MM ENCLOSED BALLOON DRUG VIAL ADAPTOR	CONTACT FOR DETAILS	
BAG SPIKE INSERTION LIGHT ALLOY TOOL FOR BAXTER AND FRESENIUS IVs	CONTACT FOR DETAILS	



BTC-QFLOW CSTD SYSTEMS

FOR BOTH COMPOUNDING PREPARATION AND CLOSED WARD INFUSIONS.



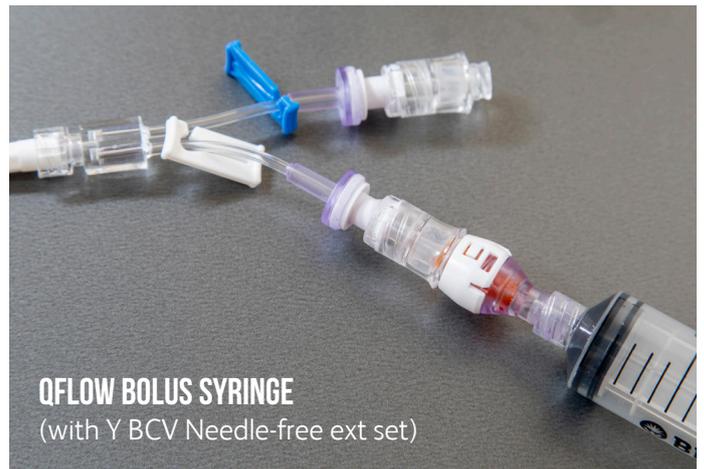
QFLOW SYRINGE ADAPTOR
(in closed flow position)



DRUG VIAL ADAPTOR
LIGHT SENSITIVE PROTECTION
(Qflow in open flow position)



QFLOW INLINE SET
(Connects pump to
Chemo IV bag spike)



QFLOW BOLUS SYRINGE
(with Y BCV Needle-free ext set)

compliant to USP 800, NIOSH and CE recommendations.



For more information or to arrange a meeting or presentation, contact us

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