



Numedico[®]
TECHNOLOGIES

TriActiv Product Range 2023



Providing quality medical supplies globally
from a trusted Australian company.
www.numedico.com

About Numedico[®]

**Focused on safety.
Driven by excellence.
Doing things differently.**

Established in 2016 out of a desire to pursue optimal medtech solutions to challenge the status quo, Numedico is a globally focused medical supplies company based in Australia.

Our solutions include safety syringes for use at home, hospitals and clinics.

We care about our customers and with offices in various global hubs are able to provide excellent customer service and a hassle-free experience.



Drug Delivery Products






Manual Retractable Needle Safety Syringe

Designed using patented technology the Numedico manual retractable needle safety syringe range features an easy-to-use needle retraction mechanism to protect the user and the patient from needlestick injury after injection. Once the needle is safely retracted inside the barrel of the syringe the unique tilting mechanism prevents reuse of the needle.

Satisfying ISO 13485 quality management standards demanded by CE, MHRA, TGA and US FDA, Numedico manual retractable needle syringes are independently tested by NATA approved laboratories to guarantee Numedico's product performance standards are met.

With less sharps waste and a safety mechanism that prevents needlestick injury and reuse. Long-term and other immediate costs are measurably lower and safety benefits increased.

How to use

The below diagram provides a simple step by step process for the operation of the syringe: Draw, Inject, Zip and Snap.



01

Make sure the needle is fixed tight and then use the standard aseptic technique to draw out the medication and fill the syringe. Do not press the plunger to the end. Use the cover to tighten the needle.



02

Inject the medication by fully depressing the plunger to the end of the syringe barrel to engage the locking mechanism. The user will be able to feel and hear a 'CLICK'.



03

'ZIP' the plunger back to retract the needle safely back into the barrel. The needle will tilt to one side, encapsulating the needle in the barrel of the syringe, preventing reuse or needlestick injury.



04

'SNAP' off the plunger at the breaking point. The manual retractable safety syringe is now disabled and cannot be reused. Discard in accordance with your facility's protocol.

Before use



After use



Product range note:

The manual retractable needle safety syringe with a fixed needle is available in sizes 0.5 and 1 ml.

The manual retractable needle safety syringe with a detachable needle is available in sizes 2, 3, 5 and 10 ml with a Luer Lock connection allowing medication to be drawn with an exchangeable needle.

For more details and order enquiries please email: sales.usa@numedico.com

Technical Data Sheet

Needle Retractable Safety Syringe

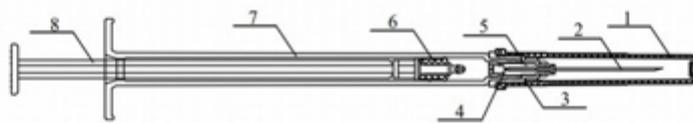


Figure 1 Structure of Needle retractable safety syringe 1ml

Product Structure

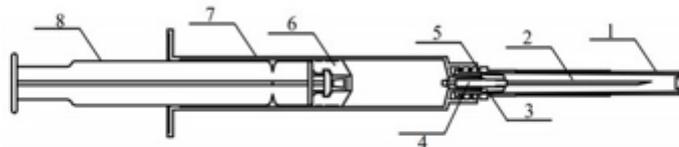


Figure 2 Structure of Needle retractable safety syringe 3ml

Material	No	Item	Material
	1	Needle cap	PP
	2	Needle tube	Austenitic stainless steel 304
	3	Needle hub	PP
	4	Retraction part	Acrylonitrile Butadiene Styrene (ABS)
	5	Seal ring	Silicone
	6	Piston	Rubber
	7	Barrel	PP
	8	Plunger	PP

Features	Benefits
The barrel incorporates the needle back-stopper	Prevents the syringe disassembling
The safety feature is an integral part of the device	No need to 'add-on' safety features, no additional operation required and user-friendly technology
The user can hear and feel when the locking mechanism is activated	The user knows when injection has been successfully delivered, increasing the user's confidence Meets NIOSH recommendation for needlestick devices
After needle retraction, the plunger is snapped off encapsulating the used needle	Safe disposal after use and further prevention of reuse or needlestick injury
Break away plunger	Prevents reuse
Full compliance with ISO 13485 USFDA EU MDD/MDR	Meets international standards for medical devices
Highest quality Japanese designed stainless steel cannulas	Sharp needle to reduce pain for patient
Latex free	Eliminates latex sensitivities
No leakage	Avoids contamination
No gap - minimal dead space	Reduced viral survival
Active-retractable needle technology – manual retraction	Increased user control
After the injection is given, the user can retract the needle before of after removing the needle from the patient	Reduce needle exposure Increase users control and safety
No change to injection technique	No or minimal training required – simple to use
When retracted after use, the needle tilts to one side into the syringe barrel	Encapsulating the needle in the barrel of the syringe increases safety, reduces risk of needlestick injury, prevents reuse of needle and reduces need for sharps container

Standards

Standard	93/42/EEC+2007/4 7/EC: 2007 14th, June, 1993, Medical Device Directive 93/42 / EEC of the European Community
	EN ISO 13485 2016 Medical devices. Quality management system. Requirements for regulatory
	ISO 14644-1: 2015 Clean room and associated control environment.
	EN ISO 14971: 2012 Medical devices - Application of medical device management risk
	EN ISO 10993-1:2009/ AC:2010: 2010 Biological evaluation of medical devices.
	EN 1041: 2008 Information supplied by the manufacturer of medical devices
	EN ISO 15223-1: 2016 Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied.
	EN ISO 10993-4: 2017 Biological evaluation of medical devices.
	EN ISO 10993-5: 2009 Biological evaluation of medical devices.
	EN ISO 10993-10: 2013 Biological evaluation of medical devices.
	EN ISO 10993-11: 2009 Biological evaluation of medical devices.
	EN ISO 10993-7: 2008 Biological evaluation of medical devices
	ISO 11135-1: 2014 Sterilization of health care products.
	EN ISO 11138-2: 2017 Sterilization of health care products.
	EN ISO 11737-1: 2009 Sterilization of medical devices - Microbiological methods.
	EN ISO 11737-2: 2009 Sterilization of medical devices - Microbiological methods.
	ISO 11607-1: 2019 Packaging for terminally sterilized medical devices.
	ISO 11607-2: 2019 Packaging for terminally sterilized medical devices.
	EN ISO 14155: 2011 Clinical investigation of medical devices for human subjects.

Standards

Standard	EN 62366-1: 2015 Medical devices - Application of usability engineering to medical devices.
	EN 20594-1: 1993/A1:1997: 1997 Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment.
	ISO 7864: 2016 Sterile hypodermic needles for single use.
	ISO 7886-1: 2017 Sterile hypodermic syringes for single use.
	ISO 7886-4: 2018 Sterile hypodermic syringes for single use.
	MEDDEV 2.7.1 Rev 4 2016 Clinical evaluation: a guide for manufacturers and notified body
	MEDDEV 2.12-1 rev 8 2013 Guidelines on a medical devices vigilance system
	MEDDEV 2.12-2 Rev 2 2012 Post Market Clinical Follow-up studies
	MEDDEV 2.5/10 2012 Guideline for Authorized Representatives
	MEDDEV 2.5/5 Rev.3 1998 Conformity assessment procedure - Translation procedure
	CE0197
	FDA 510K



Numedico®
TECHNOLOGIES

**Preventing
bloodborne
disease is
our priority**



Product Range:

Insulin Manual Retractable Range 1 ml

COLOUR CODE	NEEDLE GAUGE	SIZE mm	100 U / 40 U	PCS./ BOX	ORDER CODE
	30G	13	100 U	100	301110000
	29G	13	100 U	100	301110001
	27G	8	100 U	100	301110002
	26G	13	100 U	100	301110003
	26G	16	100 U	100	301110004
	26G	8	100 U	100	301110005
	30G	13	40 U	100	301110006
	29G	13	40 U	100	301110007
	27G	8	40 U	100	301110008
	26G	13	40 U	100	301110009
	26G	16	40 U	100	301110010
	26G	8	40 U	100	301110011

COLOUR CODE	NEEDLE GAUGE	SIZE mm/inch	ML / INSULIN UNITS	PCS./ BOX	ORDER CODE
	30G	12.7mm(0.5in)	1ml / 100U	100	301110000
	29G	12.7mm(0.5in)	1ml / 100U	100	301110001
	27G	8mm(5/16in)	1ml / 100U	100	301110002
	26G	12.7mm(0.5in)	1ml / 100U	100	301110003
	26G	15.875mm(5/8in)	1ml / 100U	100	301110004
	26G	8mm(5/16in)	1ml / 100U	100	301110005
	30G	12.7mm(0.5in)	1ml / 40U	100	301110006
	29G	12.7mm(0.5in)	1ml / 40U	100	301110007
	27G	8mm(5/16in)	1ml / 40U	100	301110008
	26G	12.7mm(0.5in)	1ml / 40U	100	301110009
	26G	15.875mm(5/8in)	1ml / 40U	100	301110010
	26G	8mm(5/16in)	1ml / 40U	100	301110011
	30G	12.7mm(0.5in)	0.5ml	100	301110012
	30G	12.7mm(0.5in)	1ml	100	301110013
	29G	12.7mm(0.5in)	1ml	100	301110014
	27G	8mm(5/16in)	1ml	100	301110015
	26G	12.7mm(0.5in)	1ml	100	301110016
	26G	15.875mm(5/8in)	1ml	100	301110017
	26G	8mm(5/16in)	1ml	100	301110018
	24G	25.4mm(1in)	0.5ml	100	301110019
	24G	25.4mm(1in)	2ml	100	301110020
	24G	25.4mm(1in)	3ml	100	301110021
	24G	25.4mm(1in)	5ml	100	301110022
	24G	25.4mm(1in)	10ml	100	301110023
	24G	38.1mm(1.5in)	0.5ml	100	301110024
	24G	38.1mm(1.5in)	2ml	100	301110025
	24G	38.1mm(1.5in)	3ml	100	301110026
	24G	38.1mm(1.5in)	5ml	100	301110027
	24G	38.1mm(1.5in)	10ml	100	301110028
	24G	15.875mm(5/8in)	0.5ml	100	301110029
	24G	15.875mm(5/8in)	2ml	100	301110030
	24G	15.875mm(5/8in)	3ml	100	301110031
	24G	15.875mm(5/8in)	5ml	100	301110032
	24G	15.875mm(5/8in)	10ml	100	301110033

COLOUR CODE	NEEDLE GAUGE	SIZE mm/inch	ML / INSULIN UNITS	PCS./ BOX	ORDER CODE
●	23G	25.4mm(1in)	0.5ml	100	301110034
●	23G	25.4mm(1in)	2ml	100	301110035
●	23G	25.4mm(1in)	3ml	100	301110036
●	23G	25.4mm(1in)	5ml	100	301110037
●	23G	25.4mm(1in)	10ml	100	301110038
●	23G	38.1mm(1.5in)	0.5ml	100	301110039
●	23G	38.1mm(1.5in)	2ml	100	301110040
●	23G	38.1mm(1.5in)	3ml	100	301110041
●	23G	38.1mm(1.5in)	5ml	100	301110042
●	23G	38.1mm(1.5in)	10ml	100	301110043
●	23G	31.7mm(1.25in)	0.5ml	100	301110044
●	23G	31.7mm(1.25in)	2ml	100	301110045
●	23G	31.7mm(1.25in)	3ml	100	301110046
●	23G	31.7mm(1.25in)	5ml	100	301110047
●	23G	31.7mm(1.25in)	10ml	100	301110048
●	22G	25.4mm(1in)	0.5ml	100	301110049
●	22G	25.4mm(1in)	2ml	100	301110050
●	22G	25.4mm(1in)	3ml	100	301110051
●	22G	25.4mm(1in)	5ml	100	301110052
●	22G	25.4mm(1in)	10ml	100	301110053
●	22G	38.1mm(1.5in)	0.5ml	100	301110054
●	22G	38.1mm(1.5in)	2ml	100	301110055
●	22G	38.1mm(1.5in)	3ml	100	301110056
●	22G	38.1mm(1.5in)	5ml	100	301110057
●	22G	38.1mm(1.5in)	10ml	100	301110058
●	22G	31.7mm(1.25in)	5ml	100	301110059
●	22G	31.7mm(1.25in)	10ml	100	301110060
●	21G	25.4mm(1in)	0.5ml	100	301110061
●	21G	25.4mm(1in)	2ml	100	301110062
●	21G	25.4mm(1in)	3ml	100	301110063
●	21G	25.4mm(1in)	5ml	100	301110064
●	21G	25.4mm(1in)	10ml	100	301110065
●	21G	31.7mm(1.25in)	5ml	100	301110066
●	21G	38.1mm(1.5in)	10ml	100	301110067



Our future focus is driven by a desire to improve healthcare and to find the best and safest solutions to suit our customer's needs now and tomorrow.

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