

asset 
Design the future



NeutrArt[®] & FlowArt[®]

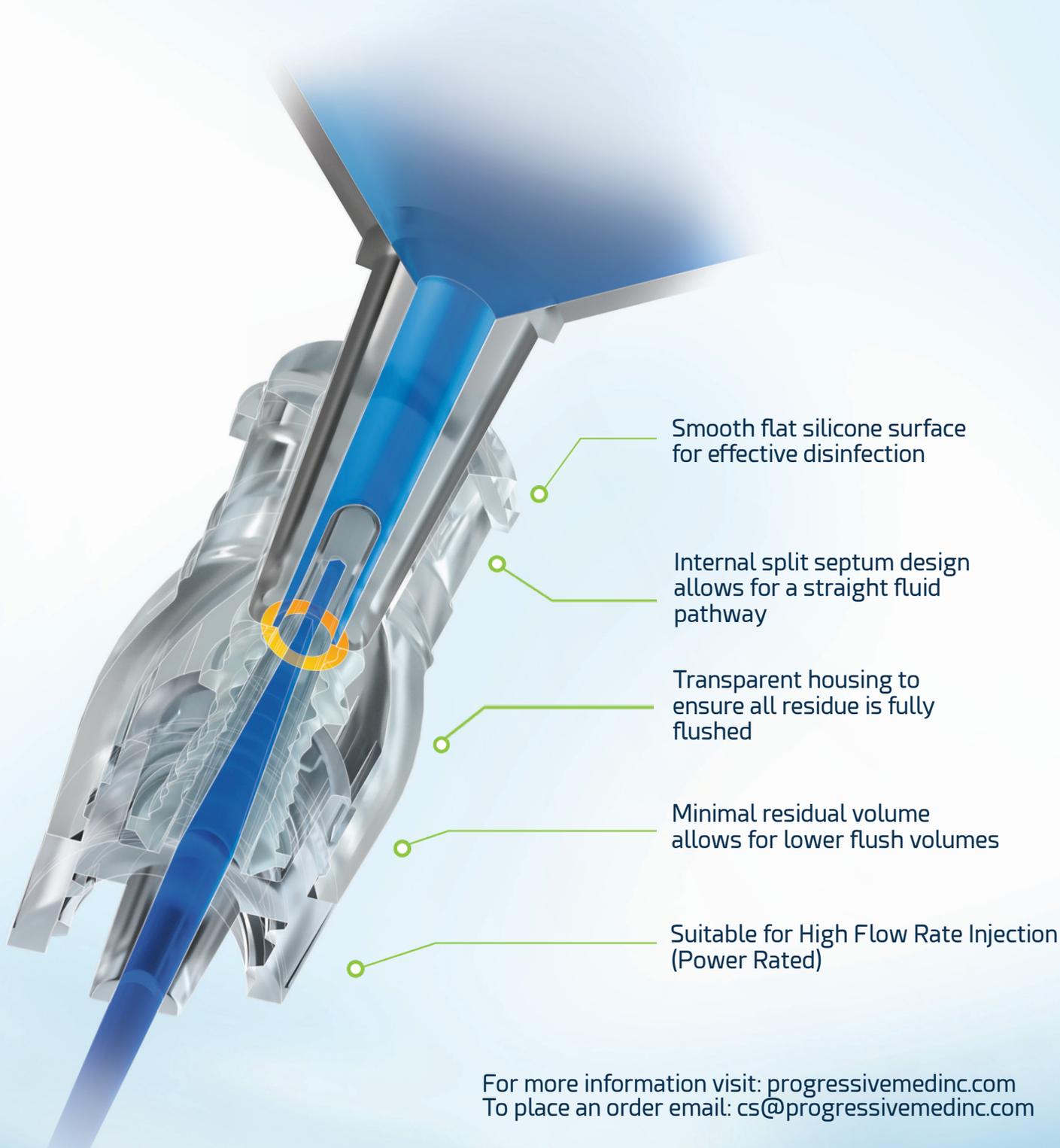
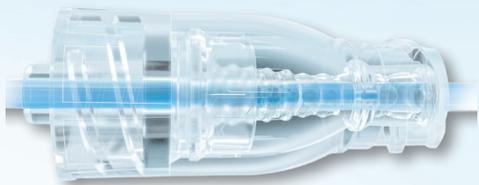
STERILE INFUSION THERAPY DEVICES

NeutrArt®

Description

NeutrArt® is a single-use, disposable connector intended for use with a vascular access device for administration of fluids during IV therapy. Designed with a transparent housing for flush visualization and a flat swabable valve surface to enhance infection prevention.

The product is a needle-free connector with an integrated silicone seal that protects the patient and healthcare staff from needlestick accidents during intravenous therapy by minimizing needle usage.



For more information visit: progressivemedinc.com
To place an order email: cs@progressivemedinc.com

Features



7-day microbial
ingress study
available



Compatible with TPN
solutions, blood and
oncology drugs



Allows multiple
accesses



Minimal volume
required for flushing
(0.2mL)



Transparent housing
for visualization of
fluid path

Materials

Latex-free,
PVC-free

Valve Body

Copolyester

Swabable Septum

Silicone



SIZE: 2.5 cm x 1.1 cm diameter

WEIGHT: 1.5 grams

FLOW RATE: 160 mL/min @ 1m water pressure

CONFORMS TO: ISO 80369-7

NEEDLE-FREE CONNECTOR TECHNOLOGY



NEUTRAL NEEDLE-FREE CONNECTORS

“ The design of the needle-free connectors helps prevent biofilm formation and fibrin adhesion, which are the preconditions for catheter-related bloodstream infections risk. These devices are used to connect catheters, administration sets, and/or syringes to deliver IV therapy. ”

Macklin, Denise, May 2010

Catheter Management, Seminars in Oncology Nursing, Vol 26, No 2 (May), 2010: pp 113-120.

Transparent Housing

“ Flushing needle-free connectors is critically important because it is the method by which blood or other contaminating infusates is removed from the needle-free connectors. Therefore, the ability to visualize the internal surfaces of the needle-free connector helps the clinician determine if flushing of the needle-free connector is complete. ”

Jarvis, William R., July 29, 2010

Choosing the Best Design for Intravenous Needleless Connectors to Prevent Bloodstream Infections, Infection Control Today.

Minimal Residual Volume

“ Needle-free connectors which have straight fluid pathways helps to reduce catheter occlusions and catheter-related bloodstream in the clinical setting. Needle-free connectors with little or no dead space in the fluid pathway minimize the surfaces that infusates can contaminate and where biofilm can develop. ”

Macklin, Denise, May 2010

Catheter Management, Seminars in Oncology Nursing, Vol 26, No 2 (May), 2010: pp 113-120.

Product Specifications

Product Code	A1010N
Product Name	NeutrArt[®], Needle-free Neutral Valve
Priming Volume	0.04 mL
Displacement	<0.01 mL (neutral)
Flow Rate	160 mL/min @ 1m water pressure
Flushing Volume	0.2 mL
Length	2.5 cm / 1.0 in

Packaging Specifications

Product Code	Specifications			
	Height (inch)	Width (inch)	Length (inch)	Weight (oz)
Unit Pack (1 unit)	0.4"	3.2"	1.97"	0.099
Shelf Pack (100 units)	8.7"	3.9"	6.3"	15.1
Case Pack (1000 units)	9.8"	16.9"	33.1"	352.7

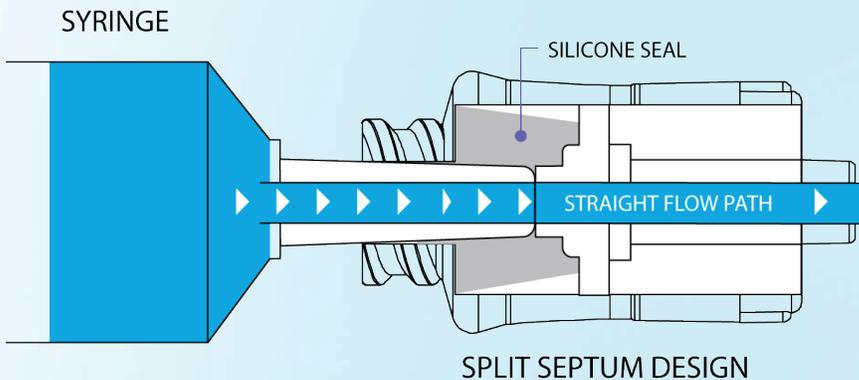


SPLIT SEPTUM NEEDLE-FREE CONNECTORS

A sterile, closed connection for increased safety and improved patient outcomes.



ENHANCE THE SAFETY & EFFICIENCY OF INFUSION THERAPY



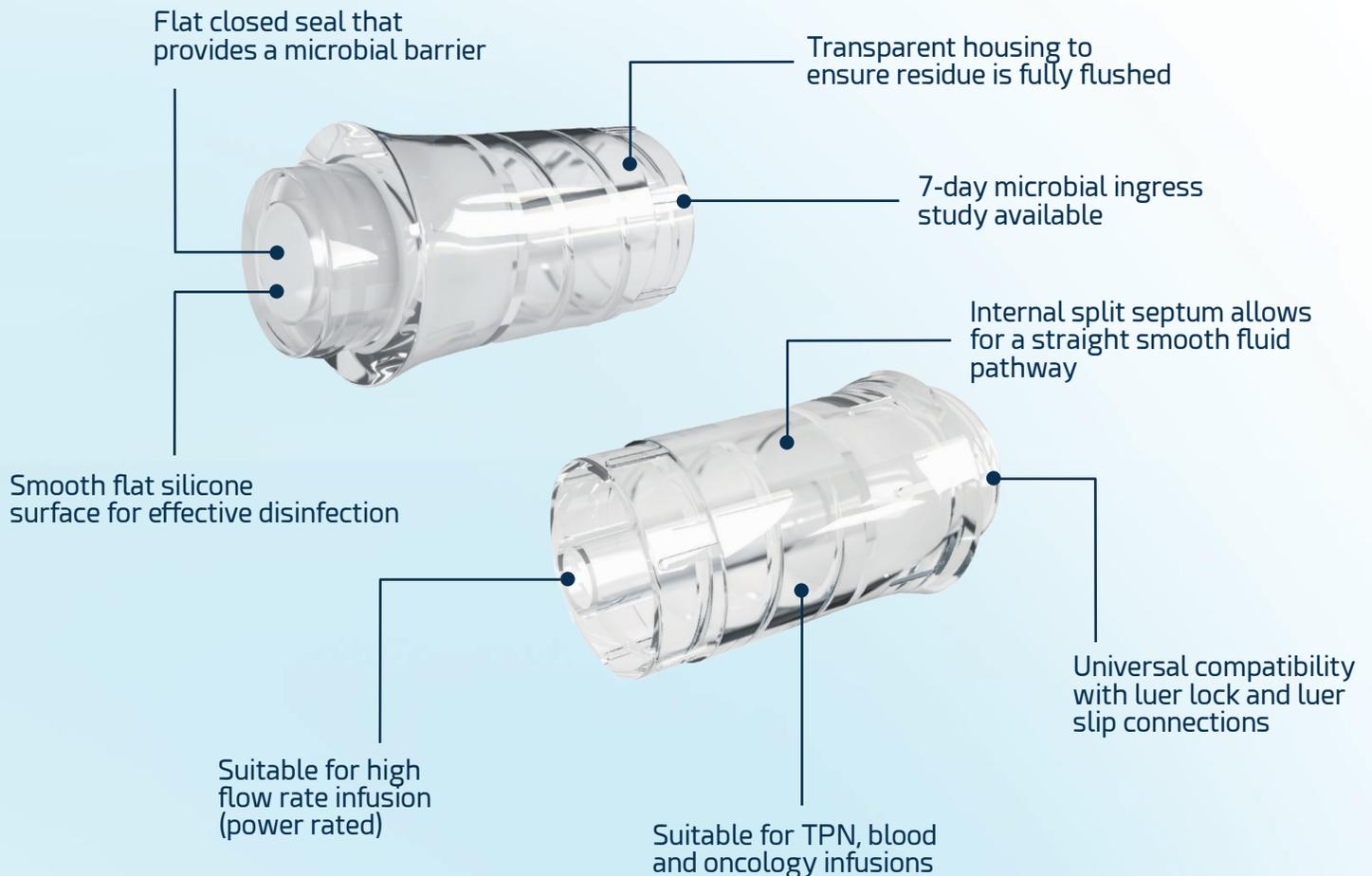
SIZE: 2.5 cm x 1.27 cm diameter
WEIGHT: 1.64 grams
FLOW RATE: 312 mL/min @ 1m water pressure
CONFORMS TO: ISO 80369-7

STERILE INFUSION THERAPY DEVICES

FlowArt®

TOTAL IV DEVICE CLARITY

FlowArt® is a needle-free valve that has a fully transparent housing with an integrated silicone seal and internal fluid pathway, that protects the patient and nursing staff from exposures.



MEETING THE LATEST INTERNATIONAL INFUSION THERAPY RECOMMENDATIONS

- Transparent needleless connector for enhanced visualization during flushing
- Fully transparent housing with an integrated, flat silicone seal and split septum
- Smooth internal pathway, providing a microbial barrier
- Multiple accesses, up to 300 over 7 day period
- Suitable for high flow rate infusion up to 400 psi at 10 ml/second flowrate
- Compatible with TPN, lipid, blood and oncology products
- Universal compatibility with luer lock and luer slip connections
- Single Sets with Filter are low protein binding

EXPERT OPINION

“...Observe if the internal mechanisms are simple or complex...”

Jarvis, 2013, [infectioncontrolday.com](#)

“...Taking these features into consideration, a recent survey of expert clinicians found that a smooth external surface, no gap around septum seal and a clear housing were among the most important features of needleless connectors...”

Jarvis, 2013, [infectioncontrolday.com](#)

“...opaque or colored external housing makes it hard to see any residual blood or particulate matter ... clear external housing makes such visualization possible.”

“The ability to visualize the internal surfaces of the needleless connector helps the clinician determine if transparent needleless connector is preferable to one that is opaque.”

Jarvis, 2010

“When needleless systems are used, a split septum valve may be preferred over some mechanical valves due to increased risk of infection with the mechanical valves.”

CDC Recommendations (Guidelines for the Prevention of Intravascular Catheter-Related Infections (2011))

“Straight fluid pathways have been shown to reduce catheter occlusions and CR-BSI in the clinical setting.”

Seminars in Oncology Nursing; Denise Macklin, BSN, RNC

Visit Progressive Medical, Inc. (PMI) to learn more about NeutrArt® & FlowArt®

PMI is the exclusive U.S. Distributor for NeutrArt® & FlowArt® and proud to partner with Asset. PMI is committed to our customers and offers full support from our clinically-trained sales support and pharmacist staff.



Product Specifications

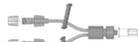
Product Code	A1010
Product Name	FlowArt® Needle-free Split-Septum Valve
Priming Volume	0.085 mL
Displacement	0.02 mL
Flow Rate	312 mL/min @ 1m water pressure
Flushing Volume	2.0 mL
Length	2.5 cm / 1.0 in

Packaging Specifications

Product Code	Specifications			
Container Type	Height (inch)	Width (inch)	Length (inch)	Weight (oz)
Unit Pack (1 unit)	0.4"	3.2"	1.97"	0.1
Shelf Pack (100 units)	8.7"	8.7"	8.7"	15.1
Case Pack (1000 units)	9.8"	9.8"	9.8"	352.7

TOTAL INFUSION THERAPY DEVICE CLARITY

All materials are DEHP-free, PVC-free and Latex-free.

Product Code	Product Image	Product Description	Units Per Box	Priming Vol. (mL)	Length cm (in)	Flow Rate (mL/min)
Needle-free Connectors						
*A1010N		NeutrArt® Needle-free Neutral Valve	100	0.04	2.5 cm (1 in)	160
*A1010		FlowArt® Needle-free Split-Septum Valve	100	0.085	2.5 cm (1 in)	312
Extension Sets						
*UU1010L18		FlowArt® Extension Set	50	0.32	18 cm (7 in)	75
*UU1010L28		FlowArt® Extension Set	50	0.42	28 cm (11 in)	55
*UU1010L33		FlowArt® Extension Set	50	0.47	33 cm (13 in)	50
*UA1010NL20		NeutrArt® Extension Set with Non-Bonded Needle-Free Neutral Valve	50	0.30	20 cm (8 in)	60
*UA1010NL30		NeutrArt® Extension Set with Non-Bonded Needle-Free Neutral Valve	50	0.40	30 cm (12 in)	45
*UA1010NL35		NeutrArt® Extension Set with Non-Bonded Needle-Free Neutral Valve	50	0.45	35 cm (14 in)	40
*AU1010NL20		NeutrArt® Extension Set with Bonded Needle-free Neutral Valve	50	0.30	20 cm (8 in)	60
*AU1010NL30		NeutrArt® Extension Set with Bonded Needle-free Neutral Valve	50	0.40	30 cm (12 in)	45
*AU1010NL35		NeutrArt® Extension Set with Bonded Needle-free Neutral Valve	50	0.45	35 cm (14 in)	40
ATU3010N		NeutrArt® Needle-free Neutral Valve with 3-way Stopcock	50	0.50	15.5 cm (6 in)	65
ATU3010		FlowArt® Needle-free Split Septum Valve with 3-way Stopcock	50	0.50	15.5 cm (6 in)	100
*2010L10		FlowArt® Set Double Lumen Extension Set	100	0.45	10 cm (4 in)	100
*3010L10		FlowArt® Triple Lumen Extension Set	100	0.65	10 cm (4 in)	100
*A3010N		NeutrArt® Triple Lumen Extension Set with Bonded Needle-free Neutral Valve	100	0.57	10 cm (4 in)	70
Filter Extension Sets						
AF6102		FlowArt® Single Set with 0.2 Micron Filter	50	2.40	14 cm (5.5 in)	50
AF6112		FlowArt® Single Set with 1.2 Micron Filter	50	2.40	14 cm (5.5 in)	185
Manifolds						
AYWB4010TY		FlowArt® Three Port Flexible Manifold with Split Septum Needle-free valves and Integrated Back Check Valve	50	2.3	25.5 cm (10 in)	110
AYWB7010TY		FlowArt® Six Port Flexible Manifold with Split Septum Needle-free valves and Integrated Back Check Valve	50	3.9	42 cm (16.5 in)	95

*Power injection models with injection rating of maximum 400 psi and flowrate of 10 mL/sec

asset

Manufactured by:
Asset
 Ikitelli OSB Mahallesi, 17. Cadde, No:17
 Basaksehir, Istanbul - TURKEY
 Phone : +90 212 494 27 27 | Fax : +90 212 494 34 37
 www.assetmedical.com



Exclusive U.S. Distributor:
Progressive Medical, Inc. (PMI)
 997 Horan Drive | Fenton, MO 63026
 Phone Orders: 314 961 5786 or 800 969 6331
 Email Orders: cs@progressivemedinc.com
 Fax Orders: 314 961 4535

NeutrArt and FlowArt are registered trademarks of Asset. | Please see the Instructions for Use/Operator's Manual for a complete listing of the indications, contraindications, warnings and precautions. | ©2023 Asset. All rights reserved.

AMIV0001revJAN24