ARGO SERIES 2.0

DISPENSING SYSTEMS FOR VIALS



FLEXIBILITY / SPEED / PRECISION

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RADIOPHARMA

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ARGO SERIES 2.0

DISPENSING SYSTEMS FOR VIALS

With integrated scale

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Comecer offers a wide range of dispensing systems suitable for dispensing open and closed vials with a process fully GMP compliant.

They can be installed inside the Comecer shielded cells so as to ensure high safety levels for the operator and precision of the dispensed dose.

ARGO OPEN VIAL DISPENSING SYSTEM

illuminate™ MANUFACTURING INTELLIGENCE Ready



Crimping station



Sliding support for vial with integrated scale





Dispensing kit



Barcode reader

- *Dispensing in open vials*
- *Integrated scale for filling verification and maximum accuracy*
- *cGMP compliant*
- *Disposable sterile kit*
- *Illuminate™ MI Ready*

ARGO is an automatic dispensing system for vials. The equipment is designed and produced to dispense radiotracers used in PET and SPECT diagnosis and therapeutic radiopharmaceuticals. ARGO is a system that complies with the cGMP guidelines for filling open vials. Functional and validated to dispense FDG, upon technical approval, it can be used for different isotopes and molecules.

ARGO offers a reliable and complete workflow. It is usually integrated in Class A shielded isolators equipped with manipulators, thus ensuring the utmost in ergonomics and convenience.

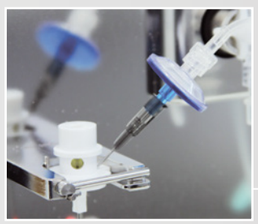
Thanks to the introduction of a scale capable of monitoring the weight of the bottle with extreme accuracy during the filling process, ARGO is able to reach high precision even at very small dispensed volumes.

Main technical features

- Dispensing by means of a pumping syringe integrated in the disposable kit and control of the weight of the fluid dispensed via the integrated scale
- Illuminate™ MI: Illuminate™ Manufacturing Intelligence is a production management system that provides critical information on the essential processes of production activity
- Compact dimensions and low weight for easy moving
- Accuracy of gravimetric dispensing within ± 5% with volumes > 2 ml. In the range 0.5 ml ÷ 2 ml, accuracy within ± 0.08 ml
- Label printer for vial and shielded container
- Calculation of the concentration and formulation of the initial volume of radiopharmaceuticals with the formulation unit
- Sterilising filter (0.22 µm) and bubble point test in-line
- Barcode reader.

Play video
https://www.comecer.com/ARGO

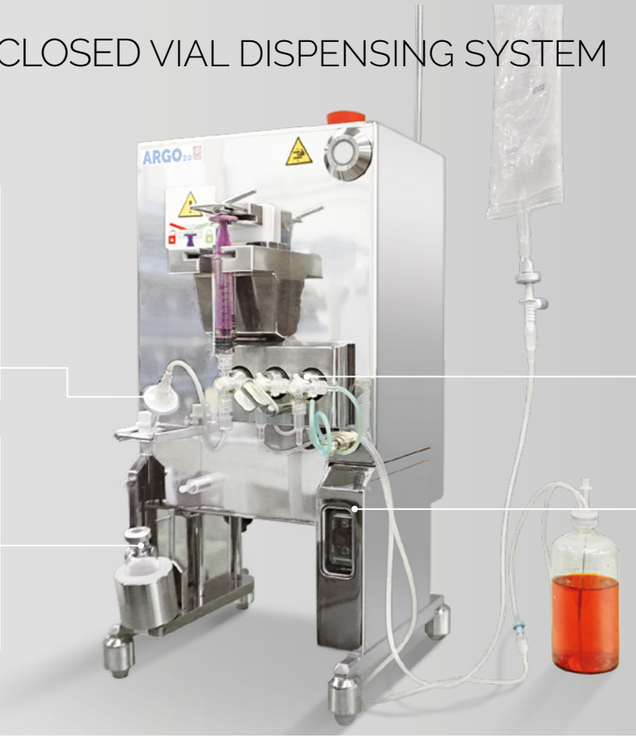
ARGO-T CLOSED VIAL DISPENSING SYSTEM

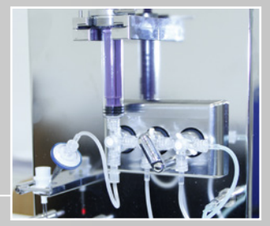


Dispensing needle with sterile filter



Sliding support for vial





Dispensing kit



Barcode reader

- *Dispensing in closed vials*
- *Filling needle with sterile filter*
- *Precision in the dispensed volume*
- *cGMP compliant*
- *Disposable sterile kit*
- *Illuminate™ MI Ready*

ARGO-T (TRANSSEPTAL) is an automatic dispensing system for closed vials able to fill a vial through rubber stopper. The equipment is designed to dispense radiotracers used in PET and SPECT diagnosis and metabolic radiotherapy. ARGO-T is a system that complies with the cGMP guidelines for filling closed vials.

This device is part of the ARGO dispenser family with the unique feature to allow automatic perforation of the vial with a needle. Flexible holder support guarantee the possibility to easy adapt the dispenser with different vial format. It is usually integrated in Class A shielded isolators equipped with manipulators, thus ensuring the utmost result in ergonomics and convenience in total compliance with the cGMP guidelines.

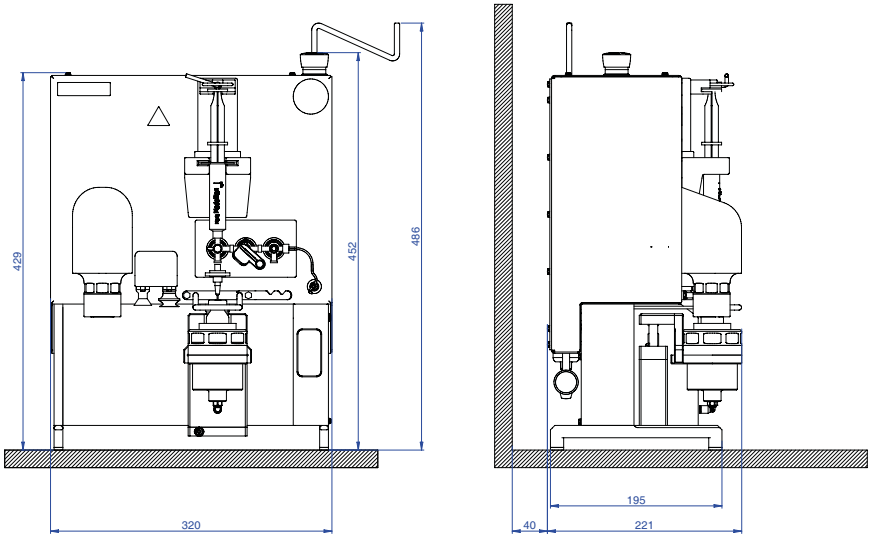
Main technical features

- Controlled volume dispensing by means of an integrated pumping syringe in the disposable kit
- Illuminate™ MI: Illuminate™ Manufacturing Intelligence is a production management system that provides critical information on the essential processes of production activity
- Specific designed needle to pierce and fill together with integrated vent needle provided with 0.22 µm sterile filter.
- Compact dimensions and low weight for easy moving
- Accurate volume dispensing within ± 5% with volumes > 2 ml. In the range 0.5 ml ÷ 2 ml, accuracy within ± 0.08 ml
- Label printer for vial and shielded container
- Barcode reader
- Calculation of the concentration and formulation of the initial volume of radiopharmaceuticals with the formulation unit
- Sterilising filter and bubble point test in-line.

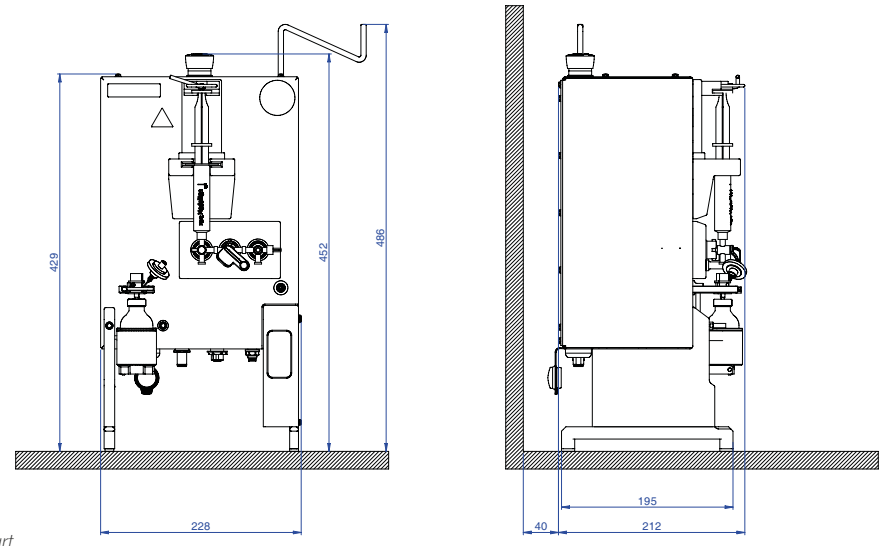
Play video
https://www.comecer.com/ARGO-T

Technical data

		ARGO	ARGO -T (TRANSSEPTAL)
Frame support material		AISI 316L - Mirror-Bright	AISI 316L - Mirror-Bright
External structure material		AISI 316L	AISI 316L
External dimensions	mm	320 x 221 x 486 (w x d x h)	228 x 212 x 486 (w x d x h)
Weight	kg	30	15
Volumetric dispensing accuracy	ml	0.5 ÷ 2 ± 0.08 > 2 ± 5%	0.5 ÷ 2 ± 0.08 > 2 ± 5%
Technical gas supply (He / N)	bar	5	5
Type of containers to be filled		Open vials	Closed vials
Dispensing method		Open vials with automatic crimping	Transseptal dispensing through rubber stopper
Minimum volume dispensed	ml	0.5	0.5



ARGO: Dimensions chart



ARGO-T: Dimensions chart

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