



PMH-03P-02F REV.01



CSTD SYSTEM PRODUCTS

PRODUCTS CATALOG

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Care with Excellence

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CSTD PRODUCTS

CLOSED SYSTEMS TRANSFER DEVICES

ENSURING THE SAFE HANDLING OF CHEMOTHERAPY MEDICATIONS WITH ADVANCED EQUIPMENT.

PROLONGED EXPOSURE TO CHEMOTHERAPY DRUGS POSES HEALTH RISKS NOT ONLY TO PATIENTS BUT ALSO TO HEALTHCARE PROFESSIONALS INVOLVED IN THEIR ADMINISTRATION. IT IS ESSENTIAL TO TAKE PRECAUTIONS AGAINST THESE POTENTIAL DANGERS.

CLOSED SYSTEMS WERE SPECIFICALLY DESIGNED TO PROTECT HEALTHCARE PROFESSIONALS FROM THE ADVERSE EFFECTS OF HIGHLY TOXIC MEDICATIONS. ITS MAIN FUNCTION IS TO ENSURE THE RETENTION OF THESE MEDICATIONS.

THE INCLUSION OF A SPIKE IN A VIAL CLAMP PLAYS A KEY ROLE. THIS FEATURE ENSURES THAT, EVEN IN THE EVENT OF AN ACCIDENT, THERE WILL BE NO MEDICATION SPILLAGE. AS A RESULT, IT DRASTICALLY REDUCES THE LIKELIHOOD OF HEALTHCARE PROFESSIONALS COMING INTO DIRECT CONTACT WITH THE MEDICINE, PREVENTING POTENTIAL CONTAMINATION.

PMH CYTOSTATIC PREPARATION/ADMINISTRATION SYSTEMS ARE A DIVERSE RANGE OF PRODUCTS, EACH DESIGNED FOR SPECIFIC SITUATIONS, INCREASING THE EFFICIENCY AND ADAPTABILITY OF THE SYSTEM.





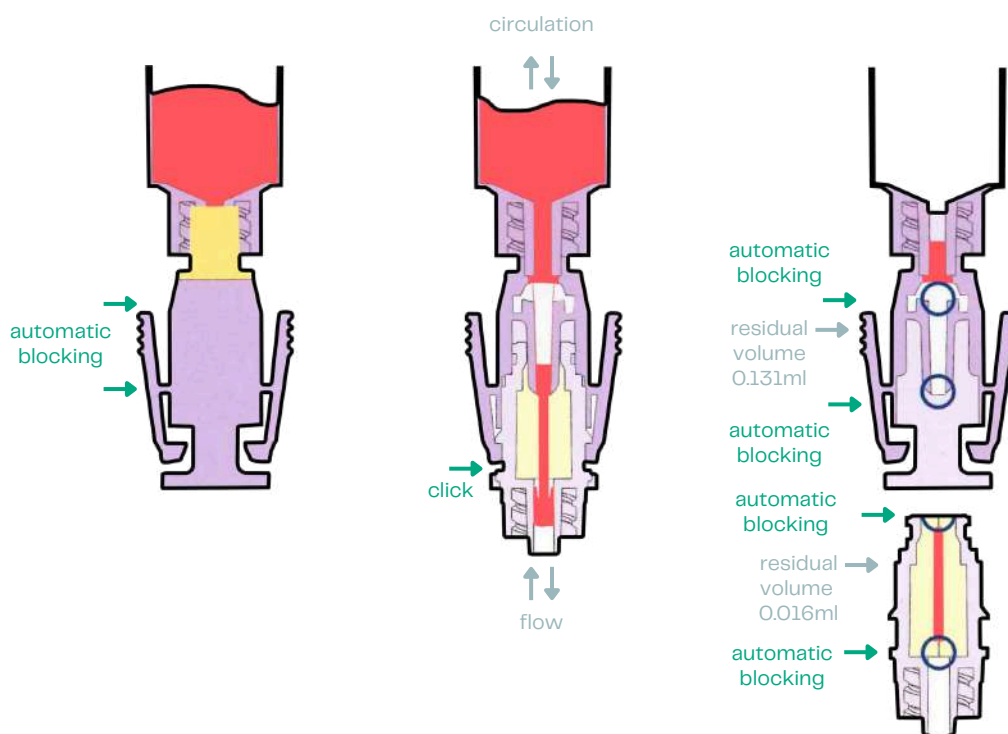
806.4373 - QUICK LOCK® BIDIRECTIONAL VALVE

- ALLOWS THE USE OF A CLOSED SYSTEM AND SECURE CONNECTION.
- COMPATIBLE WITH GEN2® VALVE.
- PROTECTED ADAPTATION PREVENTING ACCIDENTAL CONTAMINATION.
- EASY DISCONNECTION, NO NEED FOR ROTATION: PREVENTION OF TENDENITIS.



806.4372 - GEN 2® BIDIRECTIONAL VALVE

- PRESSURE TYPE: NEUTRAL
- RESIDUAL VOLUME: 0.016ML
- CONTAINS LATEX: NO
- CONTAINS METAL: NO
- EXTERNAL RESIDUAL FLUID AT DISCONNECTION: MINIMUM
- FIXING SEQUENCE: NOT NECESSARY
- FLOW RATE: 100 ML/MIN
- BACK PRESSURE: 50PSI
- WEIGHT: 0.6 G
- LENGTH: 26.50 MM
- COMPATIBLE WITH ALCOHOL AND LIPIDS





CLOSED SYSTEM PRODUCTS

QUICK LOCK® VALVE AND GEN 2® VALVE

803.4512 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 13MM BOTTLES, WITH GEN 2® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 13MM BOTTLES
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4513 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 20MM BOTTLES, WITH GEN 2® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 20MM BOTTLES
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4514 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 32MM BOTTLES, WITH GEN 2® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 32MM BOTTLES
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4515 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH UNIVERSAL BOTTLE HOLDER, WITH GEN 2® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- UNIVERSAL BOTTLE HOLDER
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





**309.4402 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 13MM BOTTLES,
WITH GEN 2® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 13MM BOTTLES
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



**309.4391 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 20MM BOTTLES,
WITH GEN 2® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 20MM BOTTLES
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



**309.4403 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 32MM BOTTLES,
WITH GEN 2® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 32MM BOTTLES
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



**309.4367 - MINI SPIKE WITH FILTER,
WITH UNIVERSAL BOTTLE HOLDER,
WITH GEN 2® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- UNIVERSAL BOTTLE HOLDER
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





309.4366 - MINI DOUBLE CHANNEL SPIKE
WITH FILTER AND GEN 2® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.4704 - DOUBLE CHANNEL SPIKE
WITH FILTER AND GEN 2® VALVE

- DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4369 - SINGLE CHANNEL SPIKE
WITH GEN 2® VALVE

- SINGLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- GEN 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





806.4660 - 50ML OPAQUE LUER LOCK SYRINGE WITH QUICK LOCK® VALVE

- 50ML OPAQUE LUER LOCK SYRINGE
- QUICK LOCK® BIDIRECTIONAL VALVE



806.4659 - 50ML LUER LOCK SYRINGE WITH QUICK LOCK® VALVE

- 50ML LUER LOCK SYRINGE
- QUICK LOCK® BIDIRECTIONAL VALVE



806.4658 - 20ML LUER LOCK SYRINGE WITH QUICK LOCK® VALVE

- 20ML LUER LOCK SYRINGE
- QUICK LOCK® BIDIRECTIONAL VALVE



806.4657 - 10ML LUER LOCK SYRINGE WITH QUICK LOCK® VALVE

- 10ML LUER LOCK SYRINGE
- QUICK LOCK® BIDIRECTIONAL VALVE





**806.4656 - 5ML LUER LOCK SYRINGE
WITH QUICK LOCK® VALVE**

- 5ML LUER LOCK SYRINGE
- QUICK LOCK® BIDIRECTIONAL VALVE



**806.4655 - 3ML LUER LOCK SYRINGE
WITH QUICK LOCK® VALVE**

- 3ML LUER LOCK SYRINGE
- QUICK LOCK® BIDIRECTIONAL VALVE





CLOSED PROCEDURE PRODUCTS

CARESAFE® VALVE

803.4516 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 13MM BOTTLES, WITH OPAQUE CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 13MM BOTTLES
- OPAQUE CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4517 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 20MM BOTTLES, WITH OPAQUE CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 20MM BOTTLES
- OPAQUE CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4518 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 32MM BOTTLES, WITH OPAQUE CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 32MM BOTTLES
- OPAQUE CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4519 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH UNIVERSAL BOTTLE HOLDER, WITH OPAQUE CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- UNIVERSAL BOTTLE HOLDER
- OPAQUE CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





**309.4706 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 13MM BOTTLES,
WITH OPAQUE CARESAFE® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 13MM BOTTLES
- OPAQUE CARESAFE 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



**309.4705 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 20MM BOTTLES,
WITH OPAQUE CARESAFE® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 20MM BOTTLES
- OPAQUE CARESAFE 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



**309.4561 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 32MM BOTTLES,
WITH OPAQUE CARESAFE® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 32MM BOTTLES
- OPAQUE CARESAFE 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



**309.4537 - MINI SPIKE WITH FILTER,
WITH UNIVERSAL BOTTLE HOLDER,
WITH OPAQUE CARESAFE® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- UNIVERSAL BOTTLE HOLDER
- OPAQUE CARESAFE 2® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





803.4707 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 13MM BOTTLES, WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 13MM BOTTLES
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4708 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 20MM BOTTLES, WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 20MM BOTTLES
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4709 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 32MM BOTTLES, WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 32MM BOTTLES
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4713 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH UNIVERSAL BOTTLE HOLDER, WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- UNIVERSAL BOTTLE HOLDER
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





309.4710 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 13MM BOTTLES,
WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 13MM BOTTLES
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.4711 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 20MM BOTTLES,
WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 20MM BOTTLES
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.4712 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 32MM BOTTLES,
WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 32MM BOTTLES
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.4714 - MINI SPIKE WITH FILTER,
WITH UNIVERSAL BOTTLE HOLDER,
WITH CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- UNIVERSAL BOTTLE HOLDER
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





803.4418 - DOUBLE CHANNEL SPIKE WITH AIR INLET AND CARESAFE® VALVE

- DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- AIR INLET
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4522 - MINI 2-CHANNEL SPIKE WITH AIR INLET AND CARESAFE® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- AIR INLET
- CARESAFE® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





806.4409 - CARESAFE® VALVE

- SPLIT-SEPTUM TECHNOLOGY VALVE. LUER ACTIVATION OR LUER LOCK WITH DIVIDED SEPTUM;
- CLOSED FLAT SEAL THAT PROVIDES A MICROBIAL BARRIER;
- THE VALVE IS OPEN DURING ASPIRATION OR DURING INFUSION, AND CLOSES WHEN IT IS SEPARATED FROM THE INFUSION DEVICE;
- SIMPLE HANDLING AND EASY ACCESS - LUER LOCK AND LUER SLIP;
- SUITABLE FOR TPN, BLOOD AND ONCOLOGY INFUSIONS;
- COMPATIBLE WITH LIPIDS, ALCOHOL, CHLORHEXIDINE AND CYTOSTATICS;
- MRI COMPATIBLE.
- PRESSURE TYPE PRESSURE: NEUTRAL
- FLOW RATE: 110-150ML/MIN
- RESIDUAL VALUE: 0.016ML
- NUMBER OF ACTIVATIONS: 7 DAYS/600 ACTIVATIONS



806.4467 - OPAQUE CARESAFE® VALVE

- SPLIT-SEPTUM TECHNOLOGY VALVE. LUER ACTIVATION OR LUER LOCK WITH DIVIDED SEPTUM;
- CLOSED FLAT SEAL THAT PROVIDES A MICROBIAL BARRIER;
- THE VALVE IS OPEN DURING ASPIRATION OR DURING INFUSION, AND CLOSES WHEN IT IS SEPARATED FROM THE INFUSION DEVICE;
- SIMPLE HANDLING AND EASY ACCESS - LUER LOCK AND LUER SLIP;
- SUITABLE FOR TPN, BLOOD AND ONCOLOGY INFUSIONS;
- COMPATIBLE WITH LIPIDS, ALCOHOL, CHLORHEXIDINE AND CYTOSTATICS;
- MRI COMPATIBLE.
- ADMINISTRATION OF PHOTSENSITIVE SOLUTIONS.
- PRESSURE TYPE PRESSURE: NEUTRAL
- FLOW RATE: 110-150ML/MIN
- RESIDUAL VALUE: 0.016ML
- NUMBER OF ACTIVATIONS: 7 DAYS/600 ACTIVATIONS





CLOSED PROCEDURE PRODUCTS

NEUTROVAL® VALVE

803.4715 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 13MM BOTTLES, WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 13MM BOTTLES
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4716 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 20MM BOTTLES, WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 20MM BOTTLES
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4717 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH HOLDER FOR 32MM BOTTLES, WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- HOLDER FOR 32MM BOTTLES
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.4718 - MINI SPIKE WITH MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES, WITH UNIVERSAL BOTTLE HOLDER, WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- MEMBRANE RESERVOIR FOR RETAINING VOLATILE GASES
- UNIVERSAL BOTTLE HOLDER
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





309.4419 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 13MM BOTTLES,
WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 13MM BOTTLES
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.4392 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 20MM BOTTLES,
WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 20MM BOTTLES
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.4719 - MINI SPIKE WITH FILTER,
WITH HOLDER FOR 32MM BOTTLES,
WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- HOLDER FOR 32MM BOTTLES
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.3654 - MINI SPIKE WITH FILTER,
WITH UNIVERSAL BOTTLE HOLDER,
WITH NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- UNIVERSAL BOTTLE HOLDER
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





309.2620 - MINI DOUBLE CHANNEL SPIKE WITH FILTER AND NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



309.1992 - DOUBLE CHANNEL SPIKE WITH FILTER AND NEUTROVAL® VALVE

- DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- FILTER 0.2 µm
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.2428 - MINI DOUBLE CHANNEL SPIKE WITH AIR INLET AND NEUTROVAL® VALVE

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- AIR INLET
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



803.0659 - DOUBLE CHANNEL SPIKE WITH AIR INLET AND NEUTROVAL® VALVE

- DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- AIR INLET
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER





**803.3663 - MINI SPIKE WITH AIR INLET,
WITH UNIVERSAL BOTTLE HOLDER,
WITH NEUTROVAL® VALVE**

- MINI DOUBLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- AIR INLET
- UNIVERSAL BOTTLE CLAMP
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



**803.2457 - SINGLE CHANNEL SPIKE
WITH NEUTROVAL® VALVE**

- SINGLE CHANNEL SPIKE
- SPIKE PROTECTION COVER
- NEUTROVAL® BIDIRECTIONAL VALVE
- VALVE PROTECTION COVER



806.2897 - NEUTROVAL® VALVE

- SPLIT-SEPTUM TECHNOLOGY VALVE (DIVIDED SEPTUM). THIS SEPTUM, CONSISTS OF A SILICONE MEMBRANE, MOVES WHEN CONNECTED TO THE CONNECTOR OR SYRINGE, THUS ALLOWING THE OPENING OF THE VALVE THAT CLOSES AUTOMATICALLY UPON DISCONNECTION, AND PREVENTING BACKFLOW AND MAINTAINING A PHYSICAL BARRIER TO MICROBIAL CONTAMINATION.
- BEFORE USE, THIS MEMBRANE MUST BE DECONTAMINATED WITH 70% ALCOHOL OR CHLORHEXIDINE.
- SIMPLE HANDLING AND EASY ACCESS - LUER LOCK AND LUER SLIP;
- COMPATIBLE WITH ALCOHOL, LIPIDS, CHLORHEXIDINE AND CYTOSTATICS;
- MRI COMPATIBLE.
- PRESSURE TYPE PRESSURE: NEUTRAL
- FLOW RATE: 165ML/MIN
- RESIDUAL VALUE: 0.04ML
- MAXIMUM PRESSURE: 27.58 BAR
- NUMBER OF ACTIVATIONS: 7 DAYS / 700 ACTIVATIONS





CLOSED PROCEDURE ACCESSORIES

804.3976 - FEMALE FEMALE ADAPTER

- FEMALE / FEMALE LUER LOCK CONNECTOR
- 2 WHITE PROTECTIVE COVERS FOR FEMALE CONNECTORS

