

CAT. NO. 5051107

DESCRIPTION

1. Y-Set with red stripe and blue stripe extension legs
 2. Dual Lumen Retrograde pressure line
 3. Priming bridge (clear)
- NOTE: Disposable transducer not included.

INDICATION FOR USE

The retrograde extension pressure line with Y-set is indicated to be used with the Quest MPS® system to deliver solutions and monitor coronary sinus pressure.

CONTRAINDICATION

This device is designed and warranted for use with the Quest MPS myocardial protection system only. Use with other systems is contraindicated. This device is not designed, sold, or intended for use except as indicated.

WARNINGS AND CAUTIONS

Read and understand the information in these instructions prior to operating the MPS consoles. See Operators Manual for a complete list of Warnings and Cautions. The attending clinician is solely responsible for the setup and use of the MPS console / perfusion system.

For use with Quest's MPS system only. All claims void if used separately.

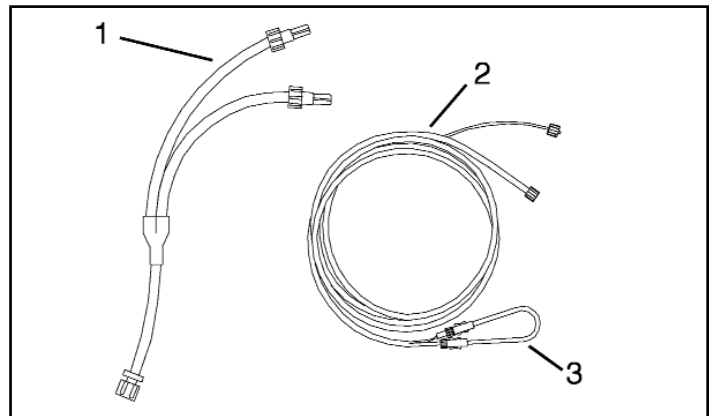
Examine ALL sterile packages carefully before opening to confirm the packages' integrity and verify that the expiration date has not passed. The devices are supplied in a sterile, single use package and are non-pyrogenic. DO NOT USE a damaged or opened package or if the expiration date has passed.

Observe aseptic technique with all tubing connections. Do not over-tighten rigid connections. Use proper sterile technique when passing lines into the sterile field.

Do not resterilize. These products are intended for single use only, do not reuse.

Dispose of this device according to hospital procedure for contaminated material.

Federal (USA) law restricts this device to sale by or on the order of a physician.



Observe all additional warnings and cautions contained in the following instructions for use. The main door must be closed to operate the MPS console.

Do not use force to open or close doors. Forcing a door closed may indicate an improperly installed or overfilled cassette.

INSTRUCTIONS FOR USE**INSTALLING Y-SET**

1. Connect single line side of Y-Set to heat exchanger delivery line.
2. Proximal of Y-connector, route cardioplegia delivery line through air in-line sensor. Ensure line is free of kinks.

CAUTION: The tubing must be fully inserted through the air in line detector for proper MPS console operation.

3. Insert antegrade red-striped delivery line of Y-Set through the antegrade delivery (A) valve. To open valve, press down and hold open while inserting line.
4. Insert retrograde blue-striped delivery line through the retrograde delivery (R) valve. To open valve, press down and hold open while inserting line.
5. Prime MPS delivery set according to instructions in the MPS console Operations Manual.

CONNECTING EXTENSION LINES TO Y-SET

1. After priming the delivery set, connect antegrade red-striped extension line to antegrade red-striped delivery line of Y-Set.
2. Connect retrograde blue-striped extension line to retrograde blue-striped delivery line of Y-Set.

TRANSDUCER SETUP

1. Using aseptic technique, open the packaging of the disposable pressure transducer and pass contents to perfusionist.
2. Connect transducer end of MPS interface cable to the disposable transducer cable connector. Plug blue connection of MPS interface cable connector into the blue dedicated connection on back of the MPS console ®.
3. Position transducer into holder. Ensure transducer is upright to facilitate evacuation of air.
4. Ensure both stopcocks are open and all connections are secure. Do not over-tighten connections.

PRIMING RETROGRADE EXTENSION PRESSURE LINE WITH Y-SET

1. During manual Prime, turn the MPS console's flow rate knob clockwise to pump solution through extension lines.
2. When solution reaches end of antegrade red-striped line, clamp line.
3. Continue flow until solution primes retrograde blue-striped line, crosses priming bridge and fills pressure line.
4. Continue flow until pressure transducer is completely void of air. Discontinue flow.
5. Disconnect priming bridge at field.
6. Close terminal stopcock to the transducer. Turn the upper stopcock off to the patient and open to atmosphere.

7. Press the **ZERO** function key on the MPS console. Select **RETRO** prompt key to zero the transducer.
8. Open stopcock to the patient and transducer.
9. Following catheterization, connect antegrade red-striped extension line to aortic root catheter. Take all necessary precautions to remove any entrapped air.
10. Connect pressure line to pressure monitor port of retrograde coronary sinus catheter. Take all necessary precautions to remove any entrapped air.
11. Connect retrograde blue-striped delivery line to retrograde coronary sinus catheter. Take all necessary precautions to remove any entrapped air.

WARNING: *To avoid air embolism, ensure the entire system is void of air bubbles before perfusing the heart. Observe delivery lines at all times for signs of air.*

REZEROING PRESSURE TRANSDUCER DURING PROCEDURE

1. Verify that the terminal stopcock is off to the transducer.
2. Turn the upper stopcock off to the patient and open to atmosphere.
3. Press **ZERO** function key on the MPS console. Select **RETRO** prompt key to zero the transducer.
4. Open stopcock to the patient and transducer.

The MPS system and MPS sterile disposables are covered under one or more of the following U.S. patents:

5,385,540 5,638,737
5,573,502 5,645,531
5,588,816 5,899,873

*Also covered by pending U.S. and International Patents and Patent applications.
MPS® is a registered trademark of Atrion, Inc.*