

## SET-UP

### 1. Can I use the water pump to purge the air from the circulation system?

No. The Quest MPS 3 System has a centrifugal pump and cannot push air, it requires gravity purge.

### 2. Is it easy to program and maintain protocols with the Quest MPS 3 System?

Yes, you can define protocols on the AMC- Active Monitoring Controller and use the file transfer to the memory stick. Then apply all protocols to other devices in your fleet.

### 3. Can I adjust how sensitive the flow knob is?

Yes. This can be adjusted in the menu setting.

## PRIME

### 1. Does the Quest MPS 3 System test the efficacy of the disposable during set-up?

Yes. During the first portion of the priming sequence the Quest MPS 3 System tests if the disposable can hold 300mmHg of pressure. Next, the system also tests for pressure between the water and blood side of the heat exchanger.



## FEATURES

**Auto Start** - A one touch button that quickly raises to targeted pressure to close the aortic valve for a fast and safe arrest.

**Auto Mode** - Regulates the pressure of cardioplegia and varies the flow rate to maintain the set pressure.

**Flow and Pressure Graph** - An option on the run screen to visually display both flow and pressure in real time.

**ECG** - Records time to arrest. This information can be retrieved after the case in "case data".

**Arrest and Additive Purge** - You can bolus 1mL of either the arrest agent or additive at the touch of a button.

## DELIVERY

### 1. Can I deliver retrograde delivery using a single line?

Yes. In single mode, press the retrograde button and the Quest MPS 3 System will control pressure to your Retrograde Pressure limits and record Retrograde delivery volumes.

### 2. What's the purpose of the vent valve?

If the equipment is at rest the Quest MPS 3 System monitors pressure in the heat exchanger. If pressure rises above 125mmHg it will vent. When in use, the system monitors the bubble trap for air and will purge air.

### 3. What happens when delivery pressure reaches maximum set pressure?

The blood pump motors will slow to maintain the maximum set pressure.

### 4. I have an additional additive, can I deliver it using the Quest MPS 3 System?

Yes, the Quest MPS 3 System 16 Core heat exchanger has an extra port for additional additive.

## GENERAL

### 1. Does the Quest MPS 3 System require water circulation cleaning?

Yes. Refer to the Quest MPS 3 System operations Manual for cleaning and disinfection instructions.

### 2. How does the Quest MPS 3 System prevent retrograde delivery flow?

75mmHg of system pressure is required to open the delivery valve for antegrade or retrograde.

### 3. If I receive a message from the Quest MPS 3 System, can I retrieve it?

Yes. Service codes are recorded and can be displayed at a later time.

