



Thorametrix™

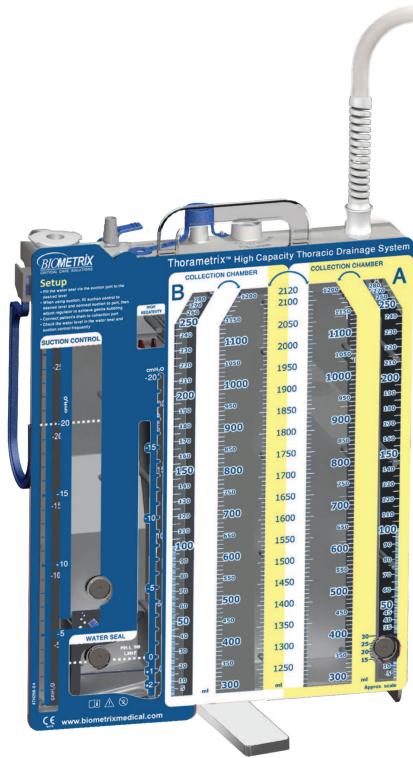
Chest Drainage Systems

Biometrix offers the Thorametrix™ 3 bottle system as a post operative chest drainage solution that is used for draining air and/or liquids from the pleural cavity. It presents a simple and convenient solution for maintaining the required amount of vacuum in a patient's chest while controlling the level of suction.

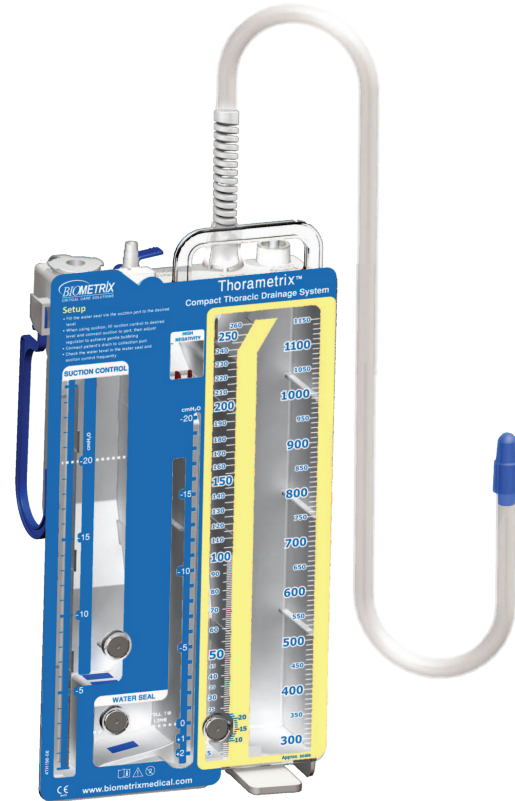


Thorametrix™ Chest Drainage Systems

High capacity systems are ideal for intensive care and cardio-thoracic units

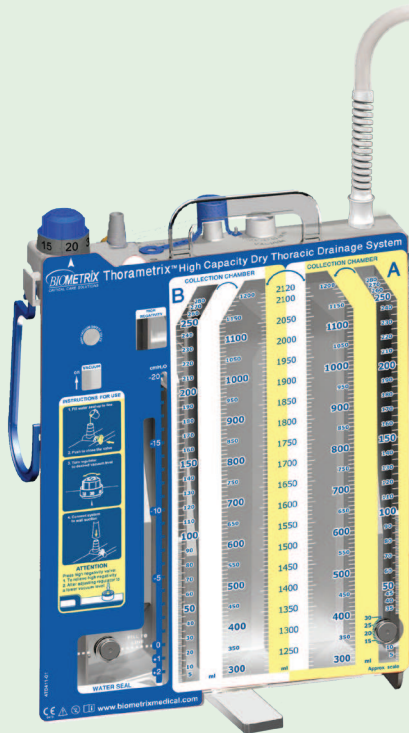


Wet High Capacity: 2300 ml

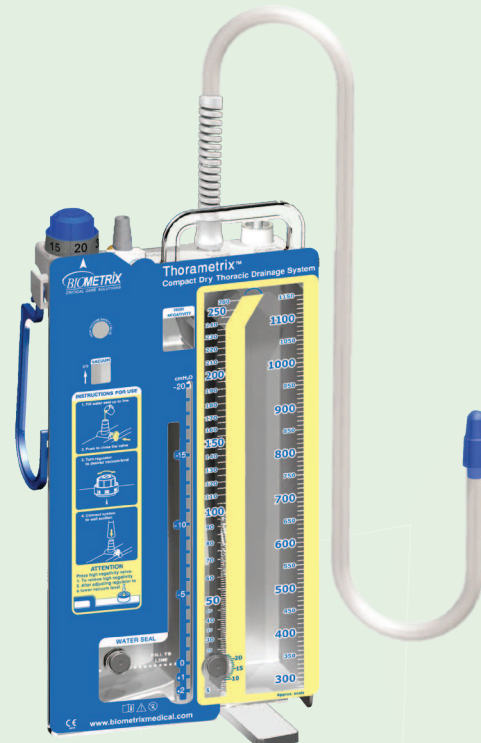


Wet Compact Capacity: 1150 ml

Compact capacity systems are ideal for newborn, pediatric, trauma and Pneumothorax cases.



Dry High Capacity: 2300 ml



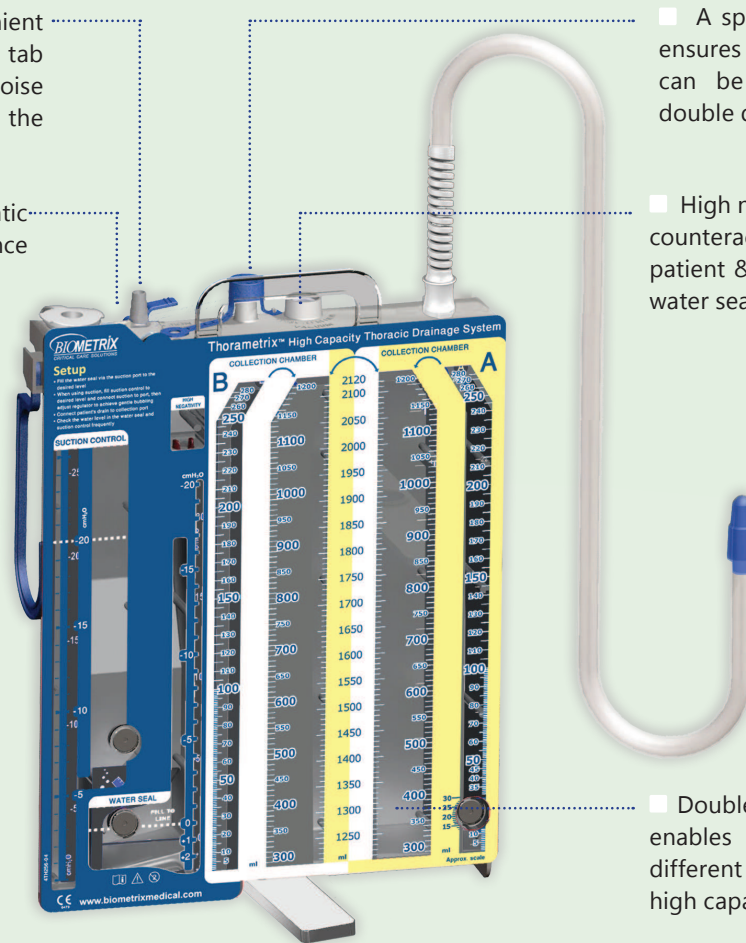
Dry Compact Capacity: 1150 ml

Thorametrix™ Chest Drainage Systems **Wet & Dry Drainage**

With its clear chambers for accurate fluid loss assessment, easy-to-use handle bed hangers, floor stands and pre-connected drainage tubing, the Thorametrix offers a good value for physicians and patients.

Wet Suction

- Suction Regulator – convenient and easy-to-use adjustment tab for de-creasing the bubbling noise and water evaporation from the suction control chamber
- Positive pressure automatic-relief valve avoids the occurrence of tension pneumothorax



- A special secure cap on port B ensures patient safety. The device can be used for single and/or double drainage.
- High negativity manual relief valve counteracts pressures generated by patient & prevents loss of seal when water seal is lost
- Double symmetrical chest drainage enables parallel drainage from two different sites of the pleural cavity (in high capacity systems)

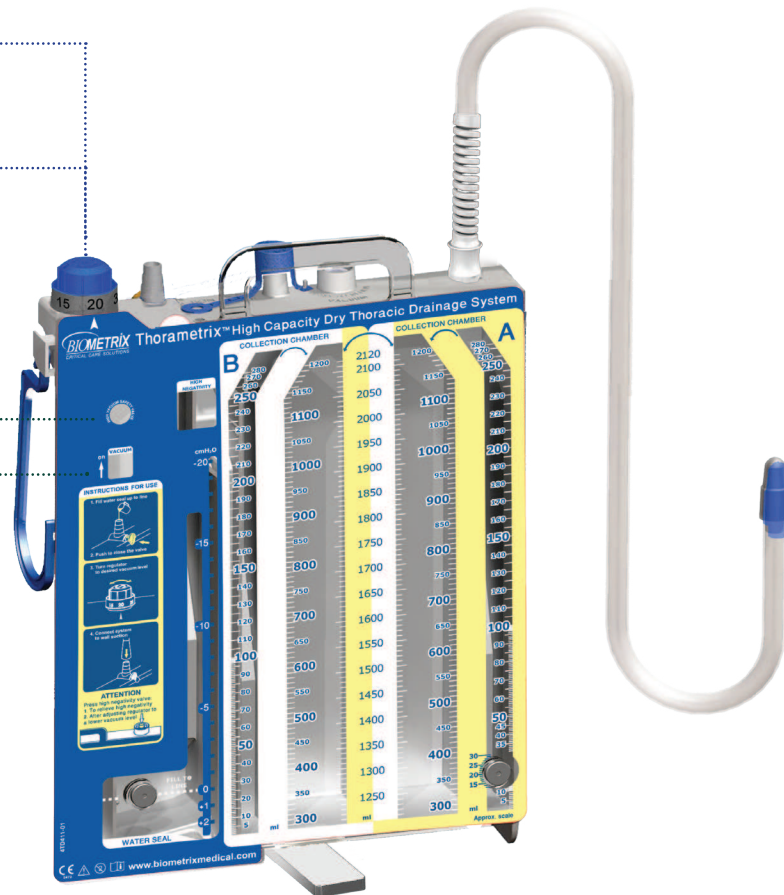
| Code | Description | Qty/Box |
|---------|--|---------|
| NC-5512 | 2300ml System, High Capacity | 5 |
| NC-5514 | 2300ml System, High Capacity with quick disconnecting device & Sampling Port | 5 |
| NC-3311 | 1150ml System, Compact | 5 |
| NC-3314 | 1150ml System, Compact with quick disconnecting device & Sampling Port | 5 |

Compact size is ideal for newborn and pediatric cases



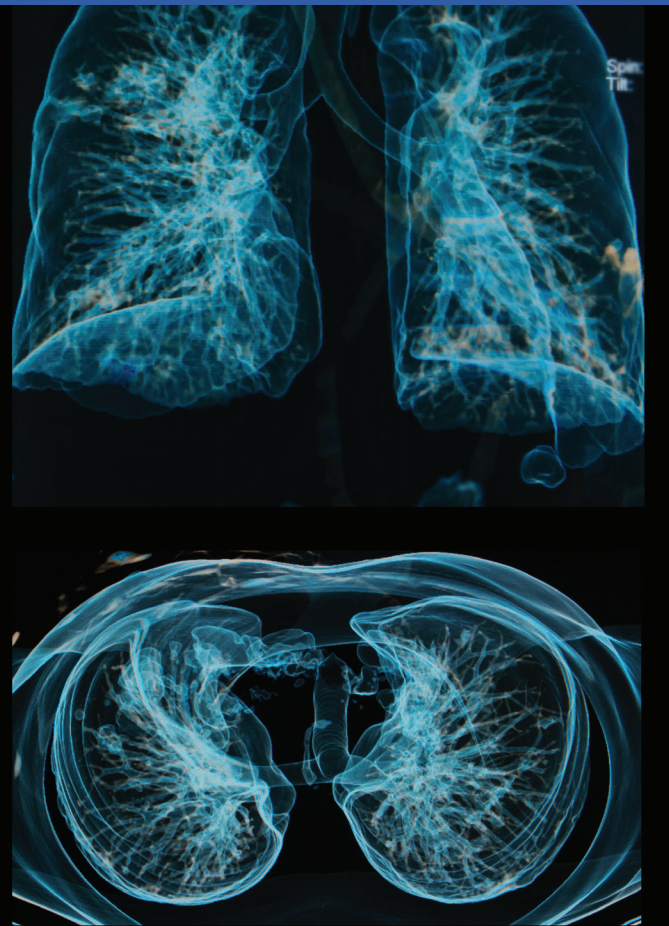
Dry Suction

- Easier and faster setup of drainage system with no need to fill/refill suction chamber
- Allows easier setting of suction levels (-10cmH₂O -40cmH₂O), for a wider range of medical procedures
- Anti-reflux valve for indicating abnormal high negativity and preventing water loss
- Vacuum Indicator – visual indicator of the imposed suction



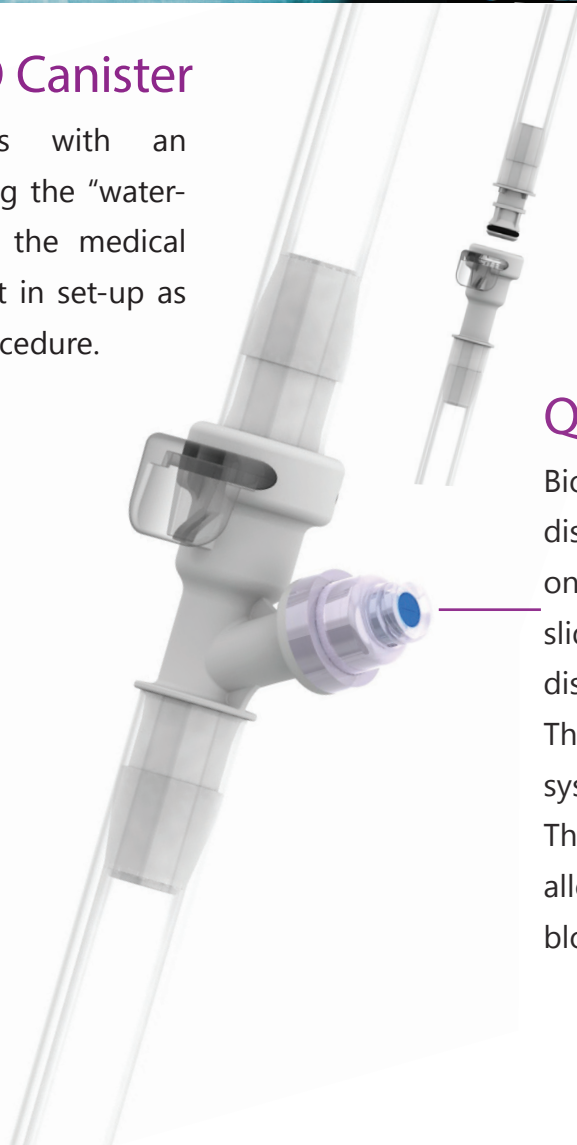
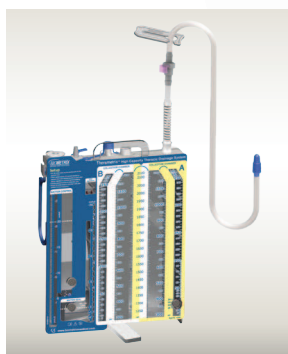
| Code | Description | Qty/Box |
|---------|--|---------|
| NC-7512 | 2300ml System, High Capacity Dry | 5 |
| NC-7514 | 2300ml System, High Capacity Dry with quick disconnecting device & sampling port | 5 |
| NC-7515 | 2300ml System, High Capacity Dry with quick disconnecting device & sampling port & H ₂ O Canister | 5 |
| NC-8311 | 1150ml System, Compact Dry | 5 |
| NC-8314 | 1150ml System, Compact Dry with quick disconnecting device & sampling port | 5 |
| NC-8315 | 1150ml System, Compact Dry with quick disconnecting device & sampling port & H ₂ O Canister | 5 |

Compact size is ideal for newborn and pediatric cases



Thorametrix™ H₂O Canister

Providing our customers with an ergonomic solution for filling the “water-seal”. This feature enables the medical staff to save time and effort in set-up as well as maintain a sterile procedure.



Quick Disconnecting Device

Biometrix offers a quick disconnecting device feature on the tubing set. There is a slide clamp which enables safe disconnection of the system. This allows replacement of the system efficiently and easily. The needleless sampling port allows easy and quick “fresh” blood sampling.

Thorametrix™ Chest Drainage Systems

Single Bottle System

The Biometrix single bottle system, part of the Thorametrix™ product line, is used for draining air and/or liquids from the pleural cavity.

- Used for draining air and/or liquids from the pleural cavity
- Straight forward, comprehensive design that incorporates an underwater seal, the most important element in pleural drainage
- Ideal for ambulatory use in cases of massive pleural effusion
- Combines versatility and efficiency, alongside safety and convenience

| Code | Description | Qty/Box |
|---------|--|---------|
| NE-1101 | Thorametrix Single Chest Drainage System | 20 |



Pneumothorax

Treating Spontaneous Pneumothorax, Tension Pneumothorax and Hemothorax

- Polyurethane micro-puncture catheter that minimizes patient trauma.
- The sets are based on both Seldinger and non Seldinger options, with accessories such as extension tubes, Heimlich valves, patient drapes and drainage bags.
- The Pneumothorax Pigtail Catheter has a hydrophilic coating and smooth tip surface which facilitates catheter introduction and distal pigtail shape prevents catheter movement after insertion.

| Code | Description |
|---------|---|
| NP-1000 | Non Seldinger Type Pneumothorax Set |
| NP-1005 | Seldinger Type Pneumothorax Set |
| NP-1001 | Seldinger Type Pneumothorax Set with Drainage Bag |
| NP-2000 | Pneumothorax Pigtail Catheter Set |

Qty/Box: 10



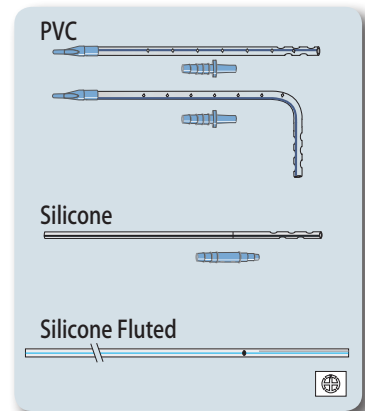
Seldinger Non-Seldinger Pneumothorax Pigtail Catheter

Thorametric™ Chest Drainage Systems Accessories

PVC Radiopaque Thoracic Catheters

| Code | Description | Fr Size |
|---------|-------------|---------|
| NM-1160 | Straight | 16 |
| NM-1200 | Straight | 20 |
| NM-1240 | Straight | 24 |
| NM-1280 | Straight | 28 |
| NM-1320 | Straight | 32 |
| NM-1360 | Straight | 36 |
| NM-2160 | Right Angle | 16 |
| NM-2200 | Right Angle | 20 |
| NM-2240 | Right Angle | 24 |
| NM-2280 | Right Angle | 28 |
| NM-2320 | Right Angle | 32 |
| NM-2360 | Right Angle | 36 |

Qty/Box: 50



Silicone Radiopaque Thoracic Catheters

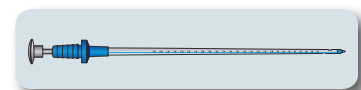
| Code | Fr Size | Length |
|---------|------------|--------|
| NL-1620 | 16 | 70cm |
| NL-1820 | 18 | 70cm |
| NL-2020 | 20 | 70cm |
| NL-2420 | 24 | 70cm |
| NL-2820 | 28 | 70cm |
| NL-3220 | 32 | 70cm |
| NL-3620 | 36 | 70cm |
| MW-3190 | 19Fr Round | 110cm |
| MW-3240 | 24Fr Round | 110cm |

Qty/Box: 50, MW-XXX0: 25

Trocar Catheters

| Code | Fr Size | Catheter Length |
|---------|---------|-----------------|
| NN-0008 | 8 | 20cm |
| NN-0010 | 10 | 23cm |
| NN-0012 | 12 | 23cm |
| NN-0016 | 16 | 23cm |
| NN-0020 | 20 | 39cm |
| NN-0024 | 24 | 39cm |
| NN-0028 | 28 | 39cm |
| NN-0032 | 32 | 39cm |

Qty/Box: 20





Pneumothorax Pigtail Catheters Sets

Features and Benefits

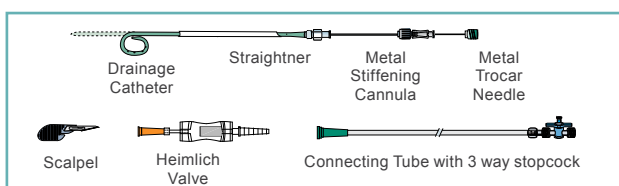
- Radiopaque thermoplastic polyurethane drainage Catheter with smooth tip surface facilitates catheter introduction
- Hydrophilic coating reduces coefficient friction
- Pigtail distal end prevents the catheter from sliding back
- large oval drainage holes increase drainage efficiency



Set contents:

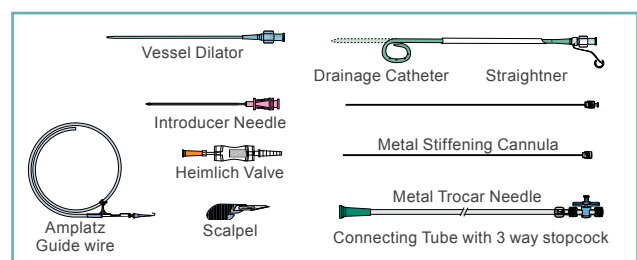
One-step

- 14Fr X 30cm Pneumothorax Catheter with straightner
- Metal Stiffening Cannula
- Metal Trocar Needle
- Connecting Tube with 3 way stopcock for sampling option & closing
- Scalpel
- Heimlich Valve



Seldinger

- 14Fr X 30cm Pneumothorax Catheter with straightner
- Metal Stiffening Cannula
- Flexible Stiffening Cannula
- Connecting Tube with 3 way stopcock for sampling option & closing
- 0.038" X 80cm J Amlatz Guide wire
- 18Ga X 9cm Introducer Needle
- Vessel Dilators
- Scalpel
- Heimlich Valve



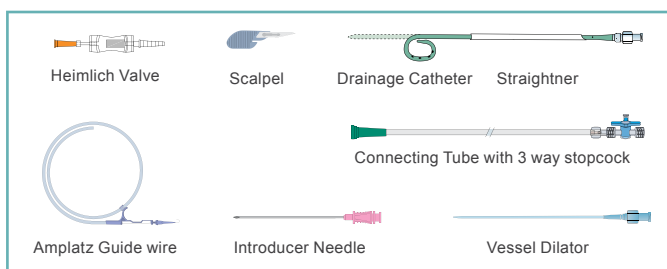
| Code | Description |
|---------|--|
| NP-2000 | 14Fr Pneumothorax Pigtail Catheter Set |
| NP-2001 | 14Fr Pneumothorax Pigtail Catheter Set Seldinger Technique |



PEDIATRIC *Pneumothorax Pigtail Catheters Sets*

Set contents:

- 8Fr X 20cm Pneumothorax Catheter with safety string lock
- Connecting Tube with 3 way stopcock for sampling option and closing
- 0.028" X 40cm J Amplatz Guide wire
- 18Ga X 7cm Introducer Needle
- 8Fr Vessel Dilator
- Scalpel
- Heimlich Valve



| Code | Description |
|---------|---|
| NP-2100 | 8Fr Pneumothorax Pigtail Catheter Set Pediatric |