

XTRA™

eXtraordinarily flexible,
intuitive and powerful
autotransfusion system



The XTRA Autotransfusion System design allows for flexibility based on patient factors, surgical situations and clinician preferences. That same flexibility is reflected in the disposable selection and packaging.

ORDER OPTIONS INCLUDE:

1 Xtra Procedure Sets

Provide convenience, peace of mind and the simplicity of knowing all necessary components to process are included in one package.

2 Collection Set + Bowl Set

Allows for top or bottom outlet reservoirs and choice of a gross filter (120µm). Collection sets are convenient for cases when blood loss is hard to predict.

Allows clinician to choose the best bowl size based on blood loss.

3 Individual Components

Reservoir

+

AAL/VEL

+

Bowl Sets

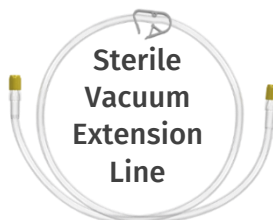
Top
Outlet
Reservoir



Bottom
Outlet
Reservoir



Aspiration and
Anticoagulation
Line



Sterile
Vacuum
Extension
Line

Bowl Set



Bottom Outlet (BX) Reservoir Procedure Sets

04361 (3 per case)

Procedure Set BX/55 - 40µm

Includes:

- 55ml Bowl Set (04350)
- Procedure set components (listed below)

04362 (3 per case)

Procedure Set BX/125 - 40 µm

Includes:

- 125ml Bowl Set (04351)
- Procedure set components (listed below)

04363 (3 per case)

Procedure Set BX/175 - 40 µm

Includes:

- 175ml Bowl Set (04352)
- Procedure set components (listed below)

04364 (3 per case)

Procedure Set BX/225 - 40 µm

Includes:

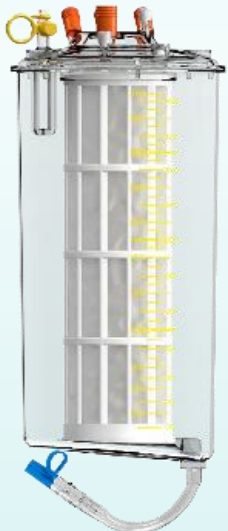
- 225ml Bowl Set (04353)
- Procedure set components (listed below)

04378 (3 per case)

Procedure Set BX/225 - 120 µm

Includes:

- 225ml Bowl Set (04353)
- Procedure set components (listed below)



Bottom Outlet Reservoir Set Includes:

- Bowl in selected size (55ml, 125ml, 175ml or 225ml)
- 3.8 L Hardshell Bottom Outlet Reservoir with 40µm filter (04359) or 120µm filter (04375)*
- Vacuum Extension Line (04379)
- AAL Aspiration and Anticoagulation Line (04373)

* The 120µm-filtered reservoir (04375) is available only in the Procedure Set BX/225 (04378)

Top Outlet (TX) Reservoir Procedure Sets

04354 (3 per case)

Procedure Set TX/55 - 40 µm

Includes:

- 55ml Bowl Set (04350)
- Procedure set components (listed below)

04355 (3 per case)

Procedure Set TX/125 - 40 µm

Includes:

- 125ml Bowl Set (04351)
- Procedure set components (listed below)

04356 (3 per case)

Procedure Set TX/175 - 40 µm

Includes:

- 175ml Bowl Set (04352)
- Procedure set components (listed below)

04357 (3 per case)

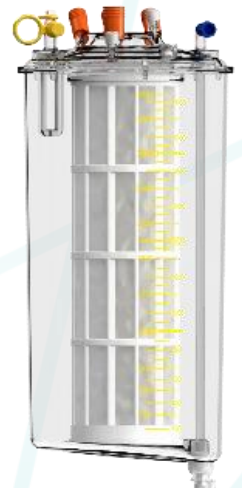
Procedure Set TX/225 - 40 µm

Includes:

- 225ml Bowl Set (04353)
- Procedure set components (listed below)

Top Outlet Reservoir Set Includes:

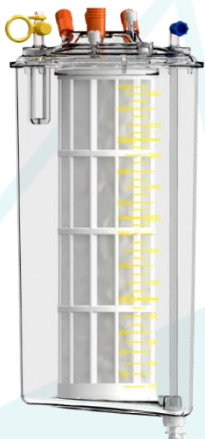
- Bowl in selected size (55ml, 125ml, 175ml or 225ml)
- 3.8 L Hardshell Top Outlet Reservoir (04358)
- Vacuum Extension Line (04379)
- AAL Aspiration and Anticoagulation Line (04373)
- Cardio Kit (04333)



XRES Blood Collection Reservoirs and Collection Sets & Holders

Standalone Reservoirs

**XRES T
Top Outlet
Reservoir**



04358 (6 per case)

**XRES T Blood Collection Reservoir – 40 µm
(Stand Alone Reservoir Only)**

Hard shell container equipped with an integrated 40 µm filter. In the TOP outlet version, the outlet port is located on the lid of the reservoir.

04359 (6 per case)

**Xres B Blood Collection Reservoir – 40 µm
(Stand Alone Reservoir Only)**

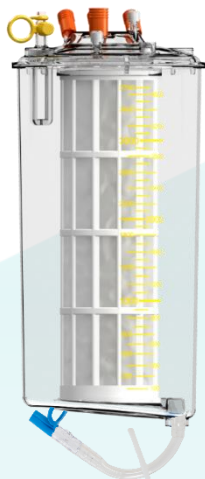
Hard shell container equipped with an integrated 40 µm filter. In the BOTTOM outlet version, there is a clamp preconnected to the port located on the bottom of the reservoir.

04375 (6 per case)

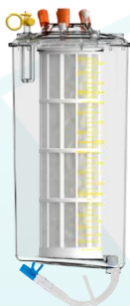
**Xres B Blood Collection Reservoir – 120 µm
(Stand Alone Reservoir Only)**

Hard shell container equipped with an integrated 120 µm filter. In the BOTTOM outlet version, there is a clamp preconnected to the port located on the bottom of the reservoir.

**XRES B
Bottom Outlet
Reservoir**



**XRES B
Bottom Outlet
Reservoir**



**Aspiration
Line**

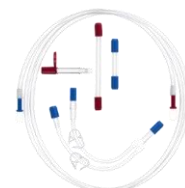


**Vacuum
Extension
Line**

**XRES T
Top Outlet
Reservoir**



Cardiac Kit



04365 (6 per case)

Collection Set BX – 40 µm

Includes:

- XRES B Reservoir (04359)
- Vacuum Ext. Line (04379)
- AAL Aspiration Line (04373)

04367 (6 per case)

Collection Set BX Cardio – 40 µm

Includes:

- XRES B Reservoir (04359)
- Vacuum Ext. Line (04379)
- AAL Aspiration Line (04373)
- Cardio Kit (04333)

04376 (6 per case)

Collection Set BX – 120 µm

Includes:

- XRES B Reservoir (04359)
- Vacuum Ext. Line (04379)
- AAL Aspiration Line (04373)

04377 (6 per case)

Collection Set BX Cardio – 120 µm

Includes:

- XRES B Reservoir (04359)
- Vacuum Ext. Line (04379)
- AAL Aspiration Line (04373)
- Cardio Kit (04333)

04360 (6 per case)

Collection Set TX – 40 µm

Includes:

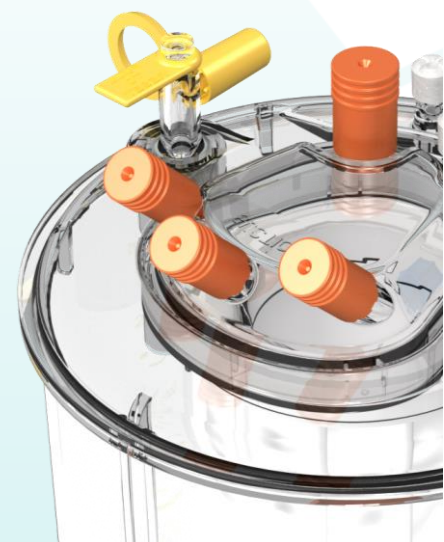
- XRES T Reservoir (04358)
- Vacuum Ext. Line (04379)
- AAL Aspiration and Anticoagulation Line (04373)

04366 (6 per case)

Collection Set TX Cardio – 40 µm

Includes:

- XRES T Reservoir (04358)
- Vacuum Ext. Line (04379)
- AAL Aspiration and Anticoagulation Line (04373)
- Cardio Kit (04333)



XTRA Bowl Sets

The unique design of both XTRA and our integrated bowls allow for full visibility during processing, whether clinicians are in the standing or seated position. Four bowl size options give the clinician greater choices.



04350 (6 per case)

Bowl Set X/55

55ml XTRA centrifuge bowl
Preconnected assembly
(details listed below)



04351 (6 per case)

Bowl Set X/125

125ml XTRA centrifuge bowl
Preconnected assembly
(details listed below)



04352 (6 per case)

Bowl Set X/175

175ml XTRA centrifuge bowl
Preconnected assembly
(details listed below)



04353 (6 per case)

Bowl Set X/225

225ml XTRA centrifuge bowl
Preconnected assembly
(details listed below)

BOWL FLEXIBILITY:



XTRA Bowl 55ml

Smallest bowl for minimal bleeding

- Minimal Bleeding Orthopedic Surgery
- Small Size Patients
- Pre-operative Sequestration



XTRA Bowl 125ml

Standard bowl for low bleeding

- Orthopedic Surgery (Total Joint)
- Obstetric Surgery
- Pre-operative Sequestration



XTRA Bowl 175ml

Intermediate bowl for medium bleeding

- High Bleeding Orthopedic Surgery
- Low Bleeding Cardiac Surgery
- Cardiovascular Surgery



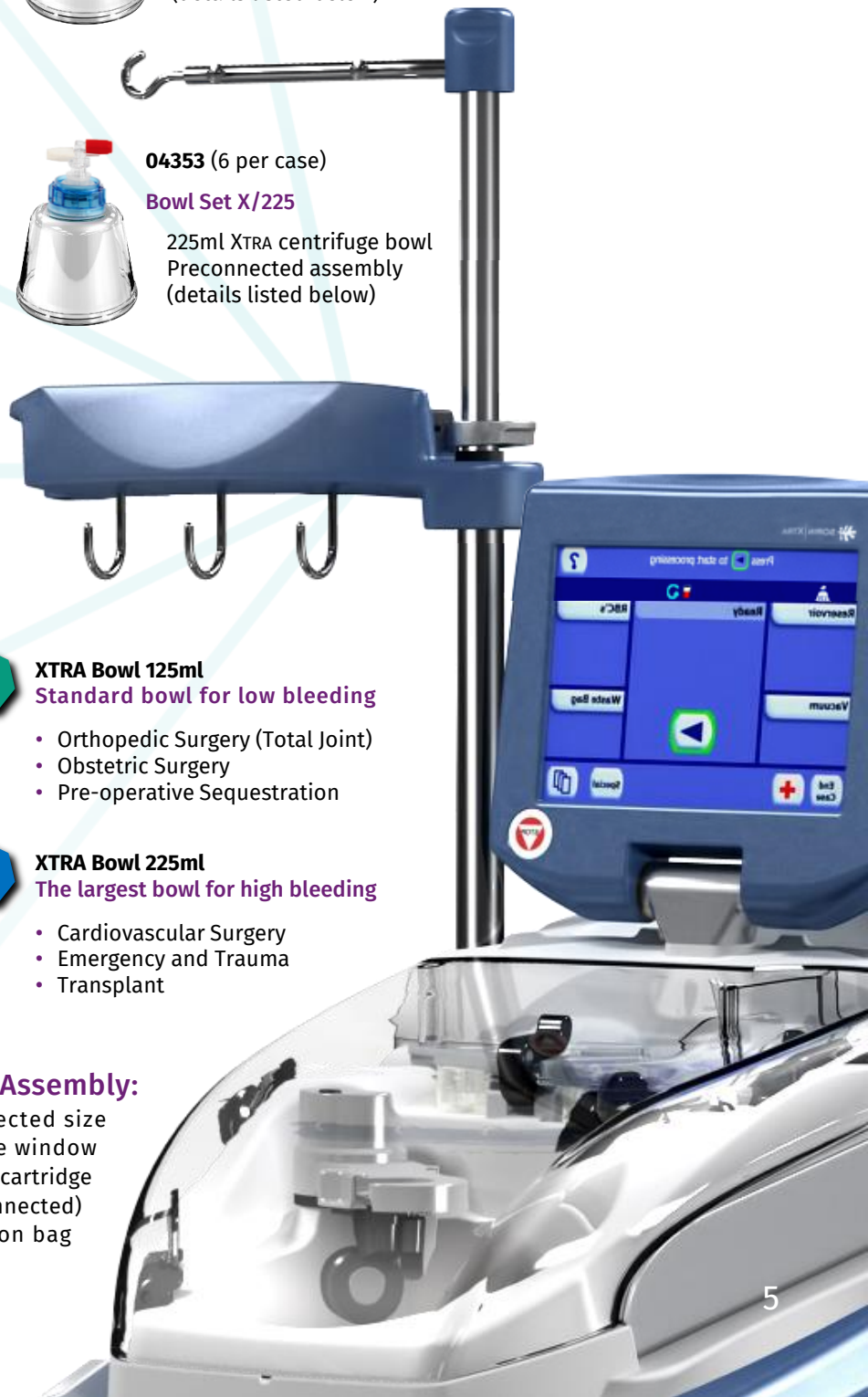
XTRA Bowl 225ml

The largest bowl for high bleeding

- Cardiovascular Surgery
- Emergency and Trauma
- Transplant

Bowl Set Preconnected Assembly:

- XTRA centrifuge bowl in selected size
- Built-in HCT sensing cuvette window
- Tubing harness w/pump loop cartridge
- 10-liter waste bag (not preconnected)
- 1-liter primary RBC reinfusion bag

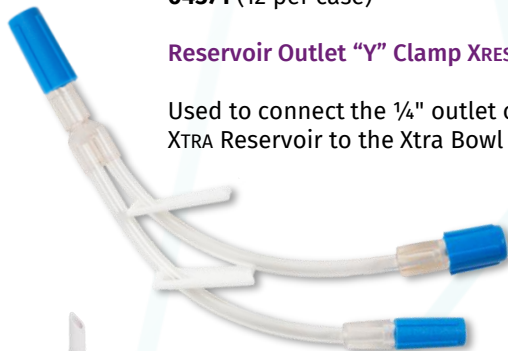


Blood Sampling Kits for Quality Assurance

04371 (12 per case)

Reservoir Outlet "Y" Clamp XRES B

Used to connect the 1/4" outlet of the XTRA Reservoir to the Xtra Bowl Set tubing.



007 016 000 (25 per case)

Blood Access Sampling Adapter

Provides easy access for sampling from the reinfusion bag after processing. Spike with stepcock for sampling.



XTRA Sequestration Set

The Sequestration Set is available for processing whole blood previously collected in blood bags. A Sequestration Set is used in conjunction with the XTRA Bowl Set and Blood Collection Reservoir.

04315 (40 per case)

XTRA Sequestration Set includes:

- 4-way adapter with two sequestration lines
- Two (2) 1-liter transfer bags
- Spike connector
- Blood bag connection line
- Y adaptor (04371)



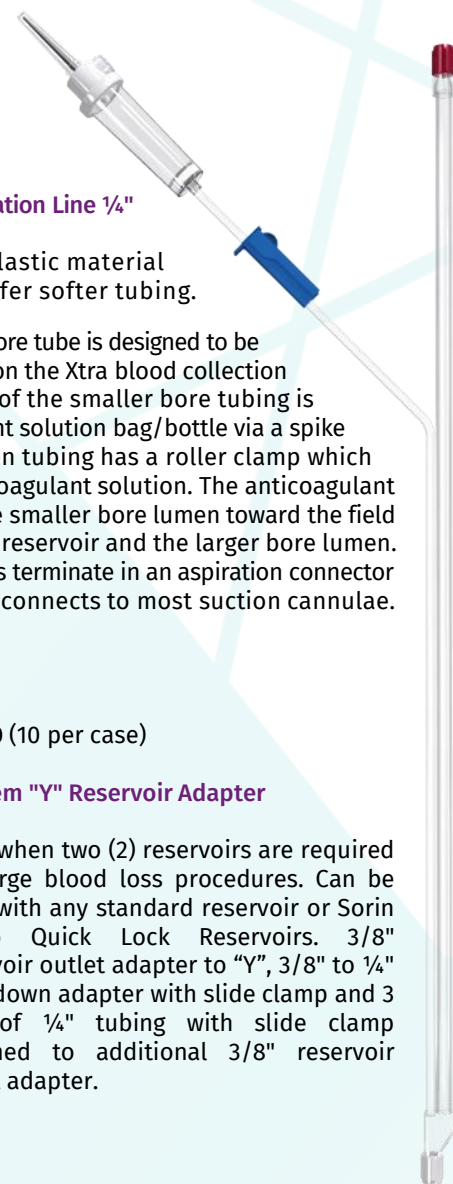
Suction Assemblies

04373 (10 per case)

AAL Aspiration and Anticoagulation Line 1/4"

Manufactured with softer plastic material (PVC) for clinicians who prefer softer tubing.

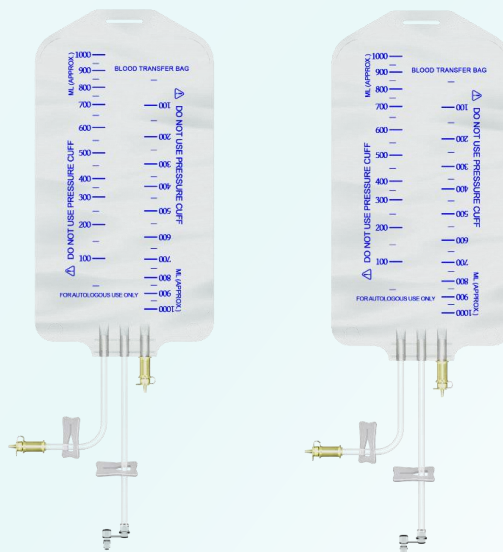
The proximal end of the large bore tube is designed to be attached to a 1/4" inlet port on the Xtra blood collection reservoir. The proximal end of the smaller bore tubing is connected to the anticoagulant solution bag/bottle via a spike connector. The smaller lumen tubing has a roller clamp which controls the flow of the anticoagulant solution. The anticoagulant solution is pulled through the smaller bore lumen toward the field by suction acting through the reservoir and the larger bore lumen. The distal ends of both lumens terminate in an aspiration connector with a diameter of 1/4" that connects to most suction cannulae.



04380 (10 per case)

Tandem "Y" Reservoir Adapter

Used when two (2) reservoirs are required for large blood loss procedures. Can be used with any standard reservoir or Sorin Group Quick Lock Reservoirs. 3/8" reservoir outlet adapter to "Y", 3/8" to 1/4" step-down adapter with slide clamp and 3 feet of 1/4" tubing with slide clamp attached to additional 3/8" reservoir outlet adapter.



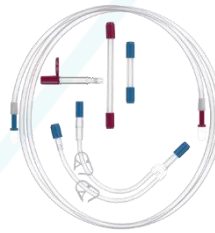
Miscellaneous Processing Components & Adapters



04379 (50 per case)

Vacuum Extension Line

The Vacuum Line consists of clear plastic (PVC) tubing. The proximal ends of the tube are equal and are designed to be attached respectively to the vacuum port on the blood collection reservoir and to the inlet port of the XVAC module (or another vacuum source).



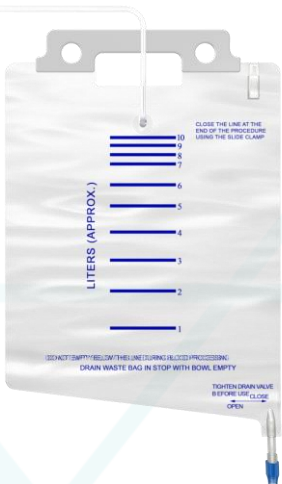
04333 (60 per case)

Cardio Kit

The Cardio Kit allows for easy blood transference to the reservoir and concentration of the residual blood from an oxygenator circuit.

Includes:

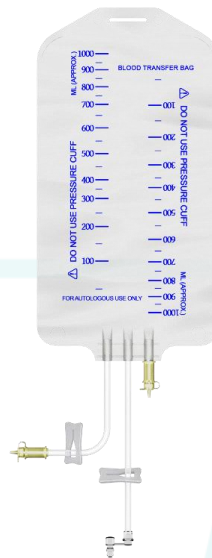
- "Y" Adapter
- 1/4" Adapter Tubing
- Oxygenator Extension Line
- Luer Lock Adapter



04369 (10 per case)

Waste Bag X

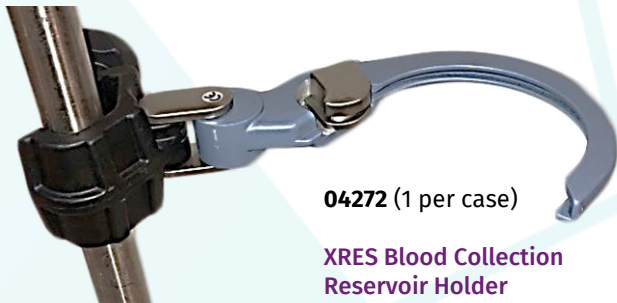
The Xtra Waste bag has a 10-liter capacity, a slide clamp on the inlet port, and a drain valve on the outlet port. The bag is hung from two pins on the right side of the Xtra system and receives the overflow from the centrifuge bowl during the Fill and Wash phases.



04368 (10 per case)

BRB1 Blood Reinfusion Bag X, 1 Liter

One (1) Din (Luer Lock Type) and two (2) spike connection ports, one (1) of which has a roller clamp.



04272 (1 per case)

XRES Blood Collection Reservoir Holder

007 088 000

Anticoagulant Solution

Sodium Citrate





LivaNova
Cardiopulmonary



XTRA

75221 XTRA Equip
110V 50#2 – US

XTRA Equipment

XVAC

75307 XVAC Pump



Accessories & Supplies

65714 XVAC TRAP
65696 Centrifuge Well Fluid Container
65643 Printer Cartridges – Paper Roll Kit



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Please always refer to the Instructions For Use (IFU) manual provided with each product for detailed information, warnings, precautions and possible adverse side effects. Not all products available in all countries, please consult local label.

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