



1. Centrifugal Blood Processing Bowl (Nominal capacity 275ml)
2. Apheresis Tubing Set (Nominal capacity 30ml)
3. Apheresis Needle Assembly (Nominal capacity 1.0ml)
4. Plasma Collection Bag (Nominal capacity 800ml)

The size of plasmapheresis sets:

The typical size of Centrifugal Blood Processing Bowl is shown in Table 1.

See Table 2 for basic dimensions of pipeline components.

The basic dimensions of Plasma Collection Bag are shown in Table 3.

See Table 4 for the basic dimensions of Apheresis Needle Assembly.

**Tabel 1 The size of Centrifugal Blood Processing Bowl**

Item	Requirements
Total height	162-167 mm
Height after maximum down pressure	159-163 mm
Outer diameter of interface	Φ 7.5-8.5 mm
Outside diameter of positioning head	Φ27.7±0.3 mm
Outer diameter of bottle body	Φ83.5±0.3 mm
Nominal capacity	≥270ml
Maximum capacity	385ml

**Table 2 The dimensions of pipeline components (mm)**

Item	I.D	Length	Wall thickness
Anticoagulant pipe	$\geq\Phi 3.0$	$\geq 1800$	$\geq 0.60$
Blood collection and transportation pipe			
Pump pipe		$725\pm 20$	
Blood and blood component filter (shell)	/	$105\pm 3$	$\geq 0.9$
Spacing between limit cards	/	$160\pm 5$	/

**Table 3 The dimensions of Plasma Collection Bag**

Specifications	Nominal capacity (mL)	Width of bag D (mm)	Length of bag L (mm)	Conduit length L (mm)	Inner diameter of conduit	Single side thickness of bag (mm)
400	400	$125\pm 5$	$170\pm 5$	$\geq 600$	$\geq\Phi 3.0$	0.4-0.5
600	600	$125\pm 5$	$185\pm 5$	$\geq 600$		
800	800	$125\pm 5$	$220\pm 5$	$\geq 600$		
1000	1000	$125\pm 5$	285-295	750-800		

**Table 4 for the basic dimensions of Apheresis Needle Assembly**

Item	Requirements
Length of needle tube	$41\pm 3$ mm
Exposed length of needle tube	$25\pm 2$ mm
Length of vacuum tube	150-300 mm
Thickness of vacuum tube	$\geq 0.65$ mm
Diameter of vacuum tube	$\geq\Phi 3.0$ mm
Nominal capacity	$\geq 1.0$ ml