

Isothermal transport systems

- ▶ Certified Medical Device Class IIa according to MDR 2017/745
- ▶ Complies with European regulations on the international transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG), by air (ICAO-TI/IATA-DGR)
- ▶ Passive systems
- ▶ Polyurethane foam interior insulation to maintain the interior temperature for more than 24 hours depending on the model
- ▶ Very robust construction with roto-moulded outer and inner box, made of polyethylene, for intensive use, almost insensitive to shocks and falls
- ▶ Heavy duty locking system with padlock (not included)
- ▶ Carrying handles throughout the range, shoulder strap for smaller models
- ▶ Containers available with either water-filled cooling elements (0.3 l and 0.6 l) or phase change eutectics for temperature maintenance at +37 °C, +22 °C, +4 °C or -32 °C



Model	MT2	MT4	MT8	MT12	MT25
Gross volume (l)	2.2	8	20	24	44
Storage capacity in pouches	1 (450 ml) or 2 (270 ml)	4 (450 ml) or 6 (270 ml)	8 (450 ml) or 14 (270 ml)	15 (450 ml) or 25 (270 ml)	26 (450 ml) or 40 (270 ml)
Storage time at +32 °C	Up to 13 h 30 m	Up to 46 h	Up to 57 h	Up to 96 h	Up to 109 h
Storage time at +43 °C	-	Up to 32 h 30 m	Up to 16 h 20 m	Up to 56 h 30 m	Up to 74 h
Ext. dimension H x L x D (mm)	210 x 250 x 150	299 x 362 x 283	437 x 588 x 288	499 x 550 x 475	499 x 710 x 550
Int. dimensions H x L x D (mm)	130 x 190 x 90	186 x 260 x 156	245 x 460 x 180	270 x 340 x 260	264 x 496 x 334
Empty weight (kg)	1.3	3.1	7	11.7	17
Full weight (kg)	2.2	7.6	14.2	25	40
Insulation thickness (mm)	30	23-27	50-60	90-105	90-105
Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene
Medical Device Certificate	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa
Inner compartment	-	1 in polystyrene	1 in polystyrene (with lid)	1 stainless steel (with lid)	1 stainless steel (with lid)
Shoulder strap (adjustable)	1	1	1	-	-
Carrying handle	-	1	1	2	2
With cooling elements					
Cooling elements 0.3 l	2	3	-	-	-
Cooling elements 0.6 l	-	2	4	6	12
Cat. No.	714006	714007	714008	714009	714010
€ Excl. VAT	NC -	NC -	NC -	NC -	NC -

Containers with eutectic plates

Container		MT4 (4 x 0.3 l + 1 x 0.6 l)	MT8 (12 x 0.6 l)	MT12 (14 x 0.6 l)	MT25 (18 x 0.6 l)
Yellow plate	+37 °C	714012	714016	-	-
Green plate	+22 °C	714011	714015	-	714021
Blue plate	+4 °C	714013	714017	714019	714022
Orange plate	-32 °C	714014	714018	714020	714023
	€ Excl. VAT	NC -	NC -	NC -	NC -

Eutectic plates

Colours	Orange	Blue	Green	Yellow
Nominal temperature	-32 °C	+4 °C	+22 °C	+37 °C
Use	<-30 °C Fresh frozen plasma Filling volume : 250 ml	+ 2 °C > +8 °C Erythrocyte concentrate Filling volume : 280 ml	+15 °C > +25 °C Platelet concentrate Filling volume : 270 ml	>+35 °C Blood samples Filling volume : 9 ml
Temperature / preconditioning time	≤-3 °C / >72 h / >4 °C	≤22 °C / >72h / >15 °C	≤37 °C / >72 h / >30 °C	≤-32 °C / >72h / >40 °C
0.3 l	714027	714026	714024	714025
0.6 l	714031	714030	714028	714029
€ Excl. VAT	NC -	NC -	NC -	NC -

