

# Platelet Incubator TC200 Platelet Agitators PA200 and PA300



## Built to Meet Your Platelet Storage Needs

Our Terumo BCT platelet incubator and agitators are designed to provide a trusted solution for platelet storage.

## Platelet Incubator TC200

Specially designed with a thermoelectric cooler, the TC200 maintains the required platelet storage temperature range of 20 °C to 24 °C while eliminating the need for compressors or refrigerant gas. The compact, benchtop design features a powder-coated metal exterior with a transparent door. The stainless steel interior includes lighting and is sized to hold the PA200 or PA300 platelet agitator.

## Other Incubator Features

- Forced-air circulation to maintain the temperature at 22 °C ± 2 °C
- Built-in digital temperature recorder and controller unit with 2-hour battery backup
- Audible and visible alerts to indicate critical operating modes
- Alarm simulator to ensure all alarms are functioning properly
- Continuous operation controlled by a microprocessor
- Safeguards to prevent unintentional shut-off
- Data logger to record and download data (optional)

## Platelet Agitators PA200 and PA300

Both models are equipped with a heavy-duty motor, which operates at 65 ± 7 cycles per minute to minimize platelet clumping and ensure maximum viability. A pause switch interrupts agitation when bags are loaded or removed. The agitator includes:

- Either four (PA200) or eight (PA300) sliding stainless steel tray configurations
- Fuse blowout alarm



Terumo BCT incubator TC200



Terumo BCT agitator PA300

## Ordering Details

Model Number	Ordering Code	Description
TC200	TC200HM000	Standard Model
	TC200HM000	In built data logger
PA200	PA200AM000	
PA300	PA300AM000	

To learn more about platelet incubators and agitators, contact your Terumo BCT representative.

## Specifications

### TC200

Specification Type	Value
<b>Voltage</b>	230 ± 10% V, 50 Hz to 60 Hz, single-phase AC
<b>Power consumption</b>	500 W maximum
<b>Type</b>	Tabletop
<b>Chamber temperature range</b>	22 °C ± 2 °C
<b>Capacity</b>	24 (PA200) or 48 (PA300) 100 mL platelet bags
<b>Electrical safety</b>	Protection against electrical shock – Class I
<b>Operation</b>	Continuous
<b>Agitator</b>	PA200/PA300
<b>Outer cabinet</b>	Powder-coated steel
<b>Inner chamber</b>	Stainless steel
<b>Refrigeration</b>	Thermoelectric cooling method
<b>Insulation</b>	Chlorofluorocarbon (CFC)-free polyurethane (PU) insulation
<b>Display</b>	4-digit, 7-segment red LED
<b>Temperature display interval</b>	0.5 °C
<b>Temperature recording</b>	Ink pen on paper chart, weekly
<b>Temperature sensor accuracy</b>	± 0.5 °C
<b>Chart range</b>	0 °C to 40 °C
<b>Chart interval</b>	1 °C
<b>Lamp</b>	4 W LED tube
<b>Ingress of water protection rating</b>	IPX-0
<b>Working environment</b>	Temperature: 10 °C to 33 °C Relative humidity: 30% to 70% (no condensation)
<b>Storage and transportation</b>	Temperature: -20 °C to 40 °C Relative humidity: 20% to 90% (no condensation)
<b>Battery for temperature recorder and control unit</b>	12 V, 2.3 Ah rechargeable, sealed maintenance-free lead acid battery
<b>External dimensions (W × D × H)</b>	649 × 830 × 785 mm
<b>Weight</b>	75 kg
<b>Indicator/color/type</b>	System OK/green/visible Cooling mode/blue/visible Temperature high/red/audible and visible Temperature low/red/audible and visible Door open/red/audible and visible Battery low/yellow/visible Heating mode/blue/visible Agitation off/red/audible and visible
<b>Quality standards</b>	ISO 9001:2015; EN ISO 13485:2016
<b>Medical device classification</b>	Class IIa; Directive 93/42/EEC(CE mark) Annex IX, Rule 2

Available in select markets.

### PA200 and PA300

Specification Type	Value	
<b>Voltage</b>	230 ± 10% V, 50 Hz	
<b>Power consumption</b>	55 W maximum	
<b>Pause</b>	10 ± 1 seconds	
<b>Fuse rating</b>	250 V, 500 mA, 5 mm × 20 mm cartridge type	
<b>Capacity</b>	PA200: 24 bags (4 trays) PA300: 48 bags (8 trays)	
<b>External dimensions (W × D × H)*</b>	PA200: 440 × 390 × 290 mm PA300: 440 × 390 × 395 mm	
<b>Type of agitation</b>	Flatbed movement	
<b>Frequency of oscillation</b>	65 ± 7 cycles per minute	
<b>Agitation mechanism</b>	Controlled by a 230 V AC induction motor	
	<b>PA200</b>	<b>PA300</b>
<b>Net Weight</b>	19.5 kg	24 kg
<b>Gross Weight</b>	25 kg	31 kg
<b>Working environment</b>	+10 - +40°C, 30-75 Rh, Atm pressure 700-1060 Hpa	
<b>Storing and transportation</b>	-20 - +40°C, Rh 20-90%, Atm 600-1060 Hpa	
<b>Quality standards</b>	ISO 9001:2015; EN ISO 13485:2016	
<b>Medical device classification</b>	Class IIa; Directive 93/42/EEC(CE mark) Annex IX, Rule 2	

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As a global leader in blood component, therapeutic apheresis and cellular technologies, we believe in the potential of blood to do even more for patients than it does today. This belief inspires our innovation and strengthens our collaboration with customers.

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