

Blood Collection Monitor D601



Standardize and Simplify Whole Blood Collections

Terumo Blood and Cell Technologies collection instruments are designed to make blood collection safe, convenient and comfortable for donors while providing high-quality collections. The Blood Collection Monitor D601 is a combination blood scale and mixer used to monitor and measure blood flow, as well as blood volume, while gently mixing the blood with anticoagulant solution. The easy-to-use, compact monitor includes several safety and convenience features that help blood collection specialists standardize collections and maximize productivity.

Key Features

Slip-Free Safety Clamp

- Clamp closes automatically when the programmed volume of blood is collected or if the flow rate is less than 20 mL per minute for more than 2 minutes
- Special slot ensures the tube stays inside the clamp
- Clamp can be closed manually in case of an emergency

Detachable Tray

- Tray continuously agitates the collected blood for uniform mixing with anticoagulant solution
- Integrated filter holder accommodates various types of bag sets
- Magnetically attached tray protects the device by detaching in the event of a collision and can be easily removed for cleaning

Backlit LCD Display

- Display shows programmed volume, collected volume, flow rate and device status, including manual clamping and pause functions

Easy-to-Use Keypad

- Keypad allows target volume selection of 350 mL or 450 mL with one touch

Alerts

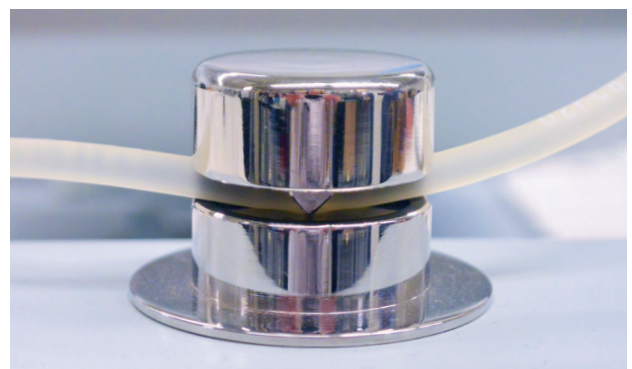
- Display LEDs and audible alarms indicate the status of the power supply, battery and draw flow as well as signaling emergency clamping and the end of the collection

Portable Design

- Lightweight, compact size makes it perfect for mobile donations
- Provides 12-hour or 90-collection continuous battery backup

Safety Features

- Designed to meet all EN 60601-1 international safety requirements
- Intelligent battery system protects the battery from overcharging or discharging



Specifications

Blood Collection Monitor D601	
Input voltage	D601 monitor: 18 V, 3.3 A Power adapter: 100 V to 240 V AC, 50 Hz to 60 Hz
Classification	Protection against electrical shock: Class II; internally powered
Operation	Continuous operation with intermittent loading
Power	70 VA max
Working environment	Temperature: 10 °C to 40 °C Relative humidity: 30% to 75% Atmospheric pressure: 700 hPa to 1,060 hPa
Storage and transportation	Temperature: -20 °C to 40 °C Relative humidity: 20% to 90% with no condensation Atmospheric pressure: 600 hPa to 1,060 hPa
Oscillation details	12 ± 2 rpm, motor-driven oscillation
Clamping mode	Motor-activated clamping
Volume setting ranges	Increments of 5 mL from 50 mL to 500 mL Automatic storage and recall of set volume
Alarms/indications	Audible/visible—Flow rate below 20 mL/min or above 180 mL/min Audible/visible—Power failure Audible/visible—Battery low Audible/visible—Automatic clamping when flow rate is sustained at less than 20 mL/min for more than 2 minutes Audible/visible—End of collection
Display	Backlit LCD display: 20 characters × 4 lines
Time measurement	Duration of collection is indicated at the end of every collection
Accuracy	± 2% of programmed volume
External dimensions (W × D × H)	190 mm × 500 mm × 185 mm
Weight	D601: 4.5 kg Power adapter: 0.55 kg
Battery	14.8 V, 4.4 Ah lithium-ion rechargeable battery
Carrying case <i>optional</i>	SAGNNPI03352900
Carrying bag <i>optional</i>	SACBFYI01128700
Product ordering code	D6010EA000

Available in select markets.

To learn more, contact your Terumo Blood and Cell Technologies representative.

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Terumo Blood and Cell Technologies is a medical device company. Our products, software and services enable customers to collect and prepare blood and cells to help treat challenging diseases and conditions. Our employees around the world believe in the potential of blood and cells to do even more for patients than they do today. TERUMOBCT.COM

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