




**AWD** **AL WASAY**  
DIAGNOSTIC SERVICES



# UTECH Biomedical

## Blood Collection Mixer with Weight Scale



 Office No. 4, Street No. 02 Opp Wapda Town Phase II  
Northern Bypass, Pace City, Multan

 0333-7349146 - Muhammad Jahangir Bhatti

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## Product Overview

- ✓ **Accurate Blood Collection:** Ensures precise measurement for safe and reliable blood handling.
- ✓ **Continuous & Uniform Mixing:** Provides smooth and consistent mixing to prevent clot formation.
- ✓ **Integrated Electronic Weighing Scale:** Built-in high-precision digital scale for exact volume monitoring.
- ✓ **Ideal for Blood Banks & Hospitals:** Designed for professional diagnostic and clinical environments.





## Where It Is Used



✓ **Blood Banks:** Used for precise and controlled blood collection during donation procedures.



✓ **Hospitals:** Supports safe blood handling in surgical units, ICUs, and transfusion departments.



✓ **Diagnostic Laboratories:** Ensures accuracy and consistency in laboratory blood processing workflows.



✓ **Emergency Blood Collection Units:** Reliable performance in urgent and mobile blood collection scenarios.



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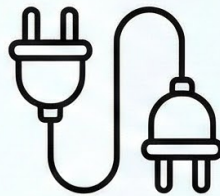
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## AVAILABLE MODELS

### Model 1 – Without Battery Backup

- ✓ Direct AC Power
- ✓ Cost-Effective Solution
- ✓ Best suited for areas with stable power supply



### Model 2 – With Battery Backup

- ✓ Rechargeable Built-in Battery
- ✓ Continues operation during power failure
- ✓ Recommended for critical and emergency operations



## KEY FEATURES

- ✔ **Continuous Gentle Mixing:** Ensures smooth motion to protect blood integrity during collection.
- ✔ **Uniform Anticoagulant Blending:** Provides consistent mixing for reliable sample quality.
- ✔ **Integrated Weighing Scale:** Built-in precision scale for accurate blood volume monitoring.
- ✔ **Digital Weight Display:** Clear and easy-to-read digital interface for real-time measurements.
- ✔ **Auto & Manual Operation Modes:** Flexible control options to suit different clinical requirements.



## Accuracy & Safety

- ✓ **Accurate Blood Volume Measurement.**  
Ensures precise monitoring of collected blood volume for clinical reliability.
- ✓ **Prevents Under & Over Collection.**  
Maintains safe limits to protect both donor and sample integrity.
- ✓ **Improves Overall Blood Quality.**  
Consistent mixing and accurate weighing enhance final blood quality.
- ✓ **Reduces Human Error.**  
Automated measurement and display minimize manual handling mistakes.



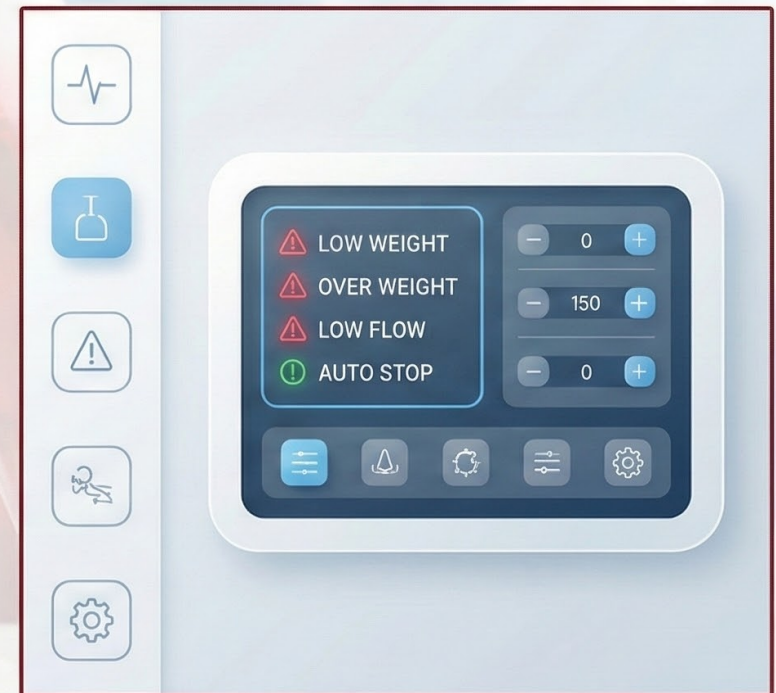
## Technical Specifications

Parameter	Specification
Power Supply	115 / 230 VAC, 12V
Power Consumption	5 VA
Measuring Range	50 – 500 ml
Mixing Speed	Approx. 15 cycles/min
Alarm System	Under / Over / Low Flow
Display	Digital / LED

# Smart Alarm System

## Alarm & Control Features

- ✓ **Under-Weight Alarm:** Alerts when collected blood volume is below the required threshold.
- ✓ **Over-Weight Alarm:** Prevents excess blood collection to ensure donor safety.
- ✓ **Low Flow Detection:** Monitors blood flow continuously and alerts during abnormal flow conditions.
- ✓ **Auto Stop Protection:** Automatically stops operation when preset safety limits are reached.



## Build & Finish

- ✓ **Rugged Body Construction:** Designed to withstand continuous use in demanding clinical environments.
- ✓ **Corrosion-Resistant Materials:** Ensures long-term durability and resistance to disinfectants and moisture.
- ✓ **Easy-to-Clean Surface:** Smooth finish supports infection control and routine cleaning protocols.
- ✓ **Anti-Slip Base Design:** Provides secure placement and prevents movement during operation.
- ✓ **Stable & Vibration-Free Operation:** Maintains consistent performance for accurate blood collection.

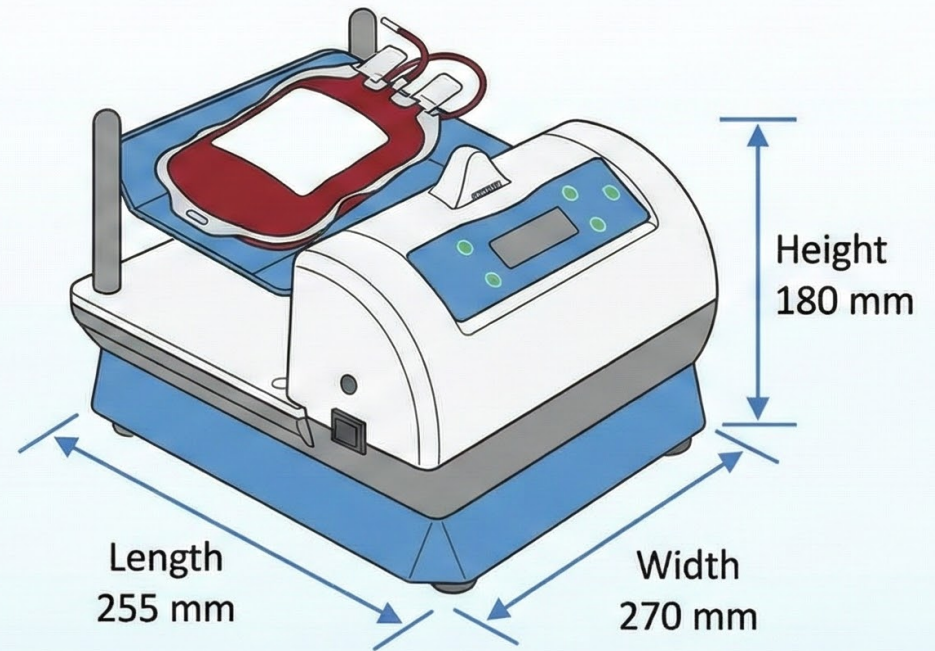


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## Product Dimensions

- Physical Dimensions:
  - ✓ Length: 255 mm
  - ✓ Width: 270 mm
  - ✓ Height: 180 mm





# Why Choose UTECH Biomedical?



## Accurate

Delivers precise blood collection and measurement you can rely on.



## Reliable

Engineered for consistent performance in demanding medical environments.



## User-Friendly

Simple controls and clear display for effortless operation by medical staff.



## Trusted for Critical Blood Collection

Designed to support life-saving procedures where accuracy and safety matter most.



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# Thank You for Your Time & Trust

## Contact Us

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