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الواسع ڈائگنوسٹک سروسز

Plasma Extractor (Steel)

Manufactured by
Utech Biomedical



 0307-5485849 – Muhammad Kamran Arshad

 0333-7349146 – Muhammad Jahangir Bhatti

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Introduction

- The Plasma Extractor (Steel) is a mechanical device used for **plasma separation**
- Used in blood banks, hospitals, and laboratories
- Ensures safe and controlled plasma transfer



Purpose of Device

- Separate plasma from whole blood after centrifugation
- Transfer plasma safely into satellite bags
- Maintain controlled pressure during extraction
- Prevent damage to blood components





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Key Advantages

- Strong and durable stainless steel body
- Smooth manual pressure control
- Compact and space-saving design
- Easy to operate and maintain
- Long service life
- Hygienic and corrosion-resistant construction
- Stable base for secure operation



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Technical Specifications

- Product Name: Plasma Extractor
- Model Type: Manual
- Construction Material: Stainless Steel
- Operation System: Mechanical Lever

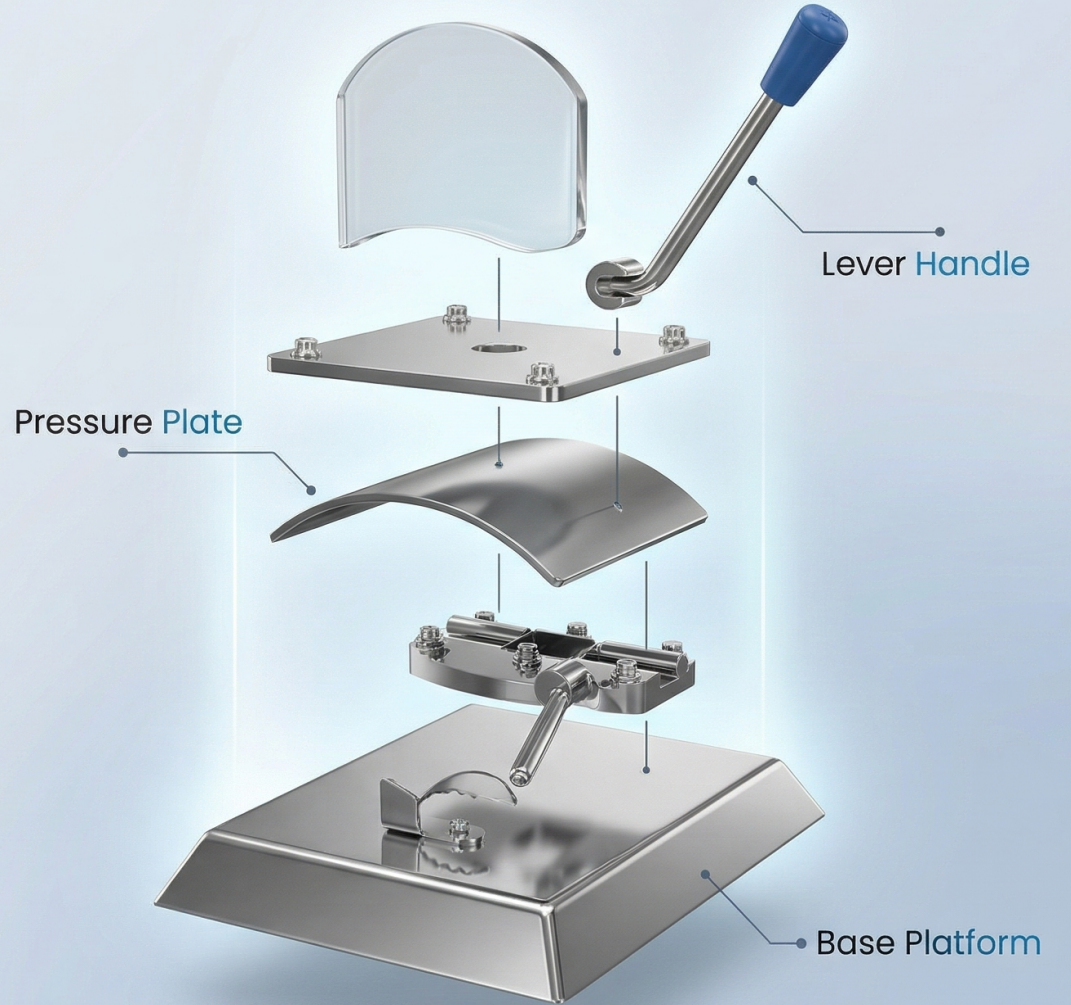




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Technical Specifications

- Length: 295 mm
- Width: 215 mm
- Height: 225 mm
- Net Weight: 2.720 kg
- Gross Weight: 3.200 kg



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Technical Specifications

- ✦ Surface Finish: Mirror Polish
- 🪑 Installation Type: Table Top
- ⚡ Power Requirement: Not Required








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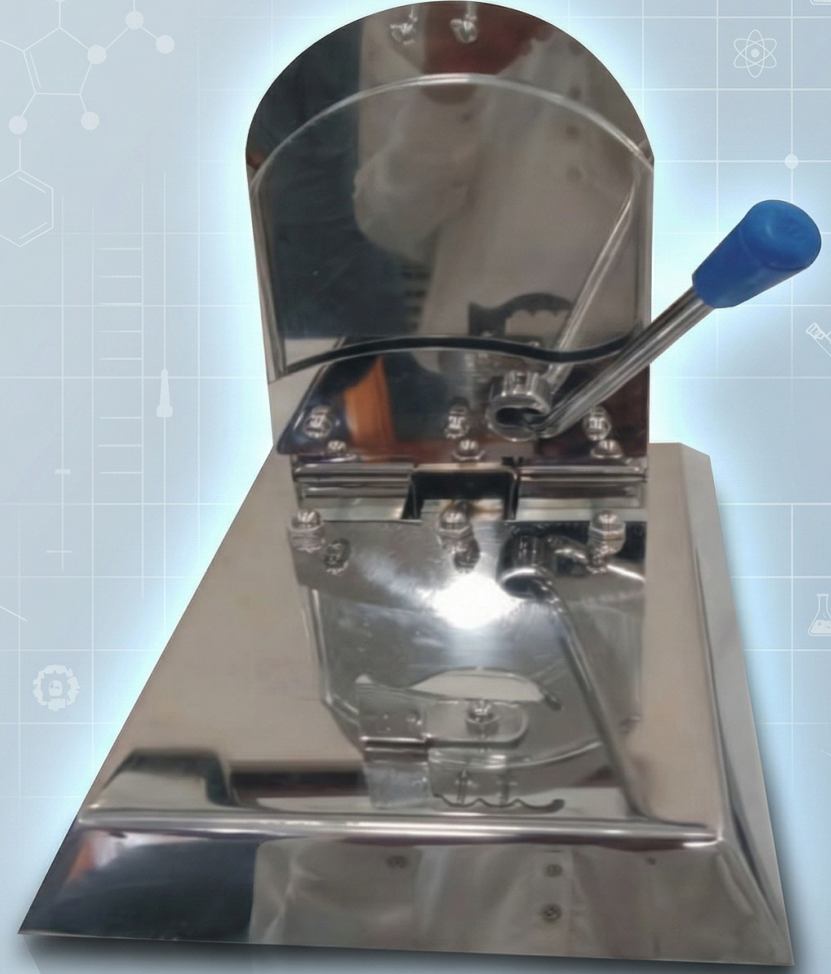
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Construction Features

-  Rust-resistant stainless steel
-  Chemical resistance
-  Easy to clean surface
-  Long operational life
-  Hygienic performance



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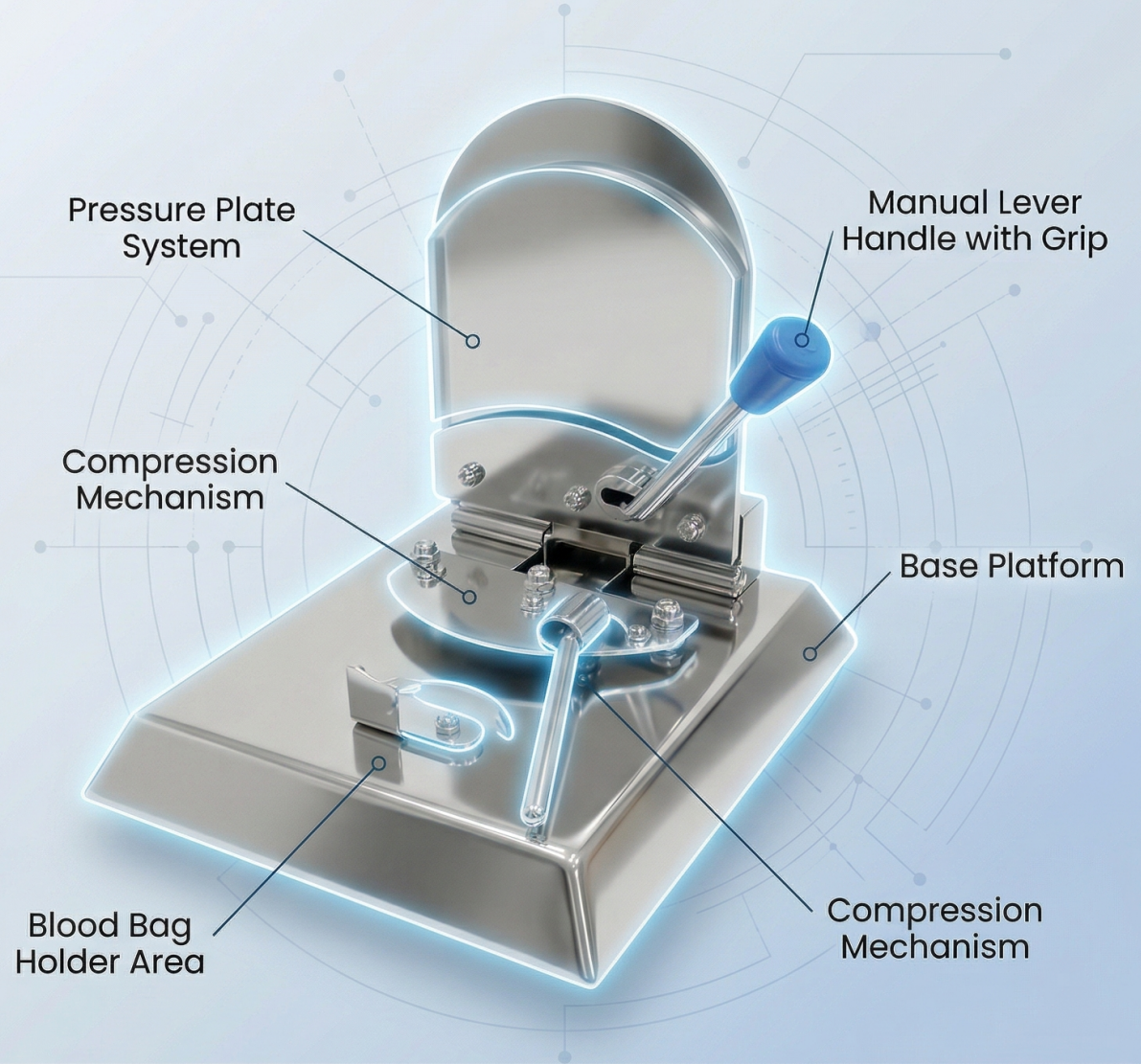
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Main Components

- Pressure Plate System
- Manual Lever Handle with Grip
- Base Platform
- Compression Mechanism
- Blood Bag Holder Area



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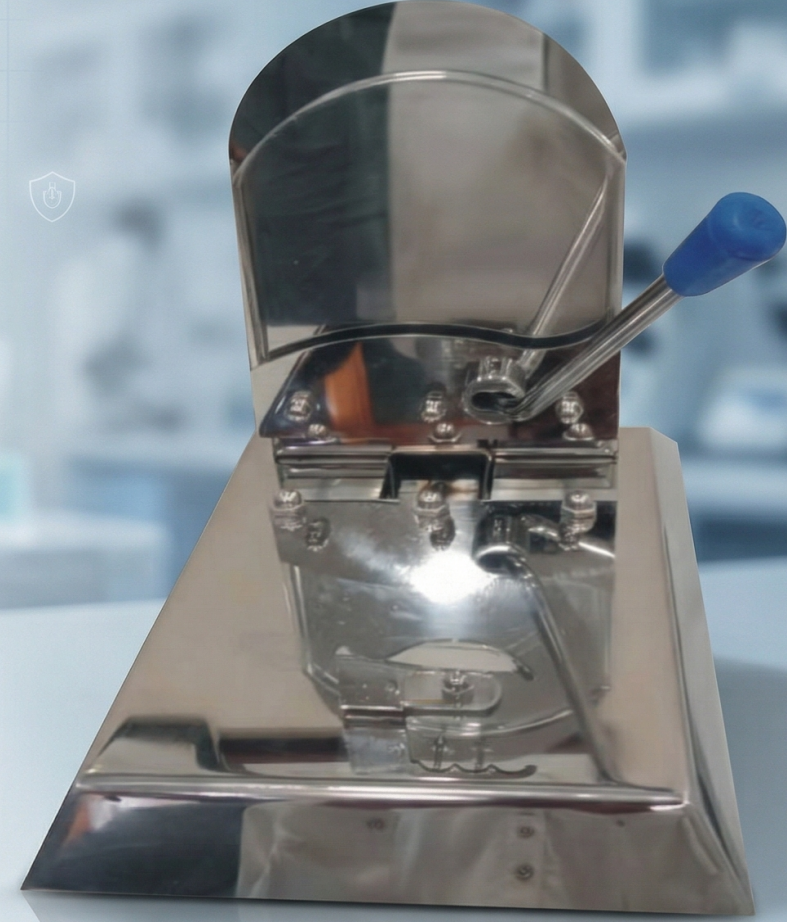
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Installation Requirements

-  Flat and stable working surface
-  Clean laboratory environment
-  Normal room temperature conditions
-  Dry location away from moisture
-  No electrical connection required



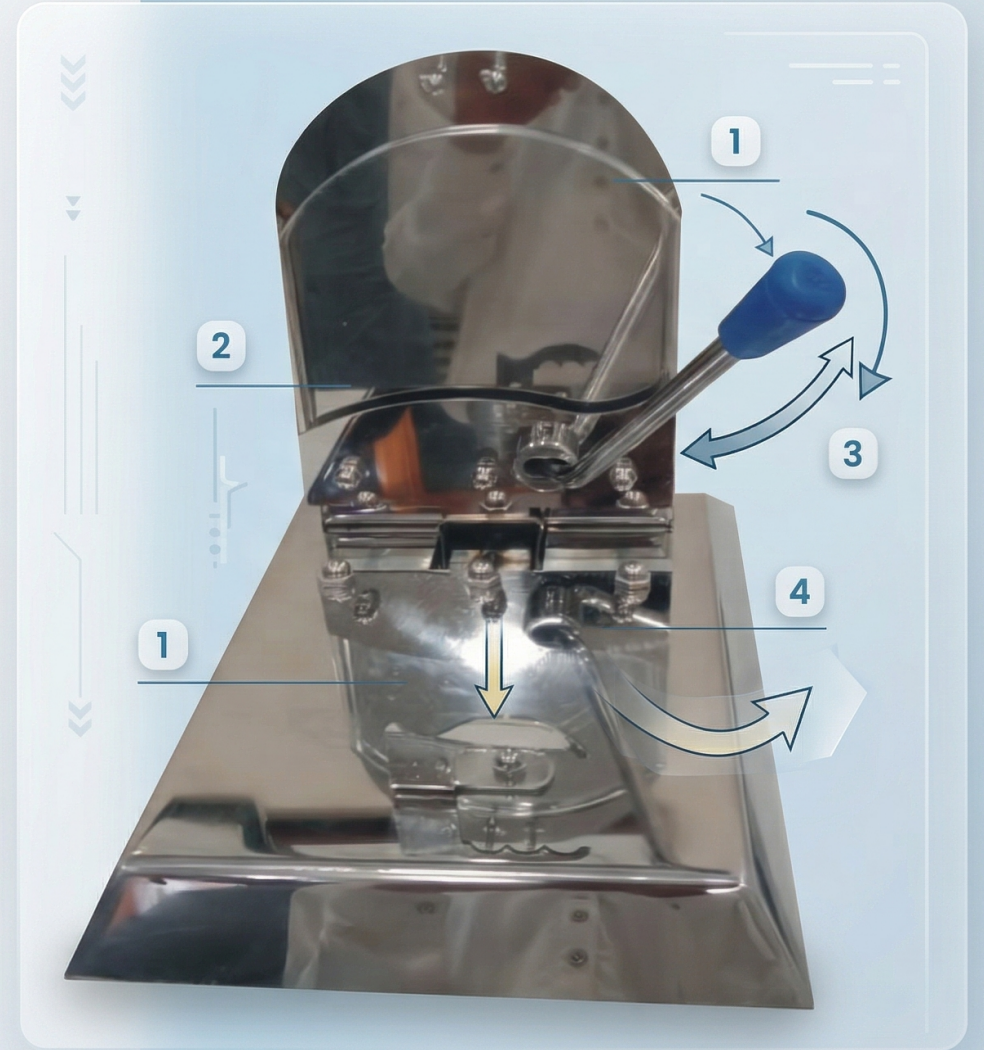
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Operating Procedure







- ① Place extractor on a stable surface
- ② Insert blood bag into holder
- ③ Press lever slowly to apply pressure
- ④ Monitor plasma flow into transfer bag
- ⑤ Release lever after extraction
- ➡ ⑥ Remove blood bag carefully





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Maintenance Guidelines

-  Clean the unit after each use
-  Wipe with a soft cloth
-  Avoid strong chemicals
-  Inspect moving parts regularly
-  Ensure smooth lever movement
-  Store in a dry environment



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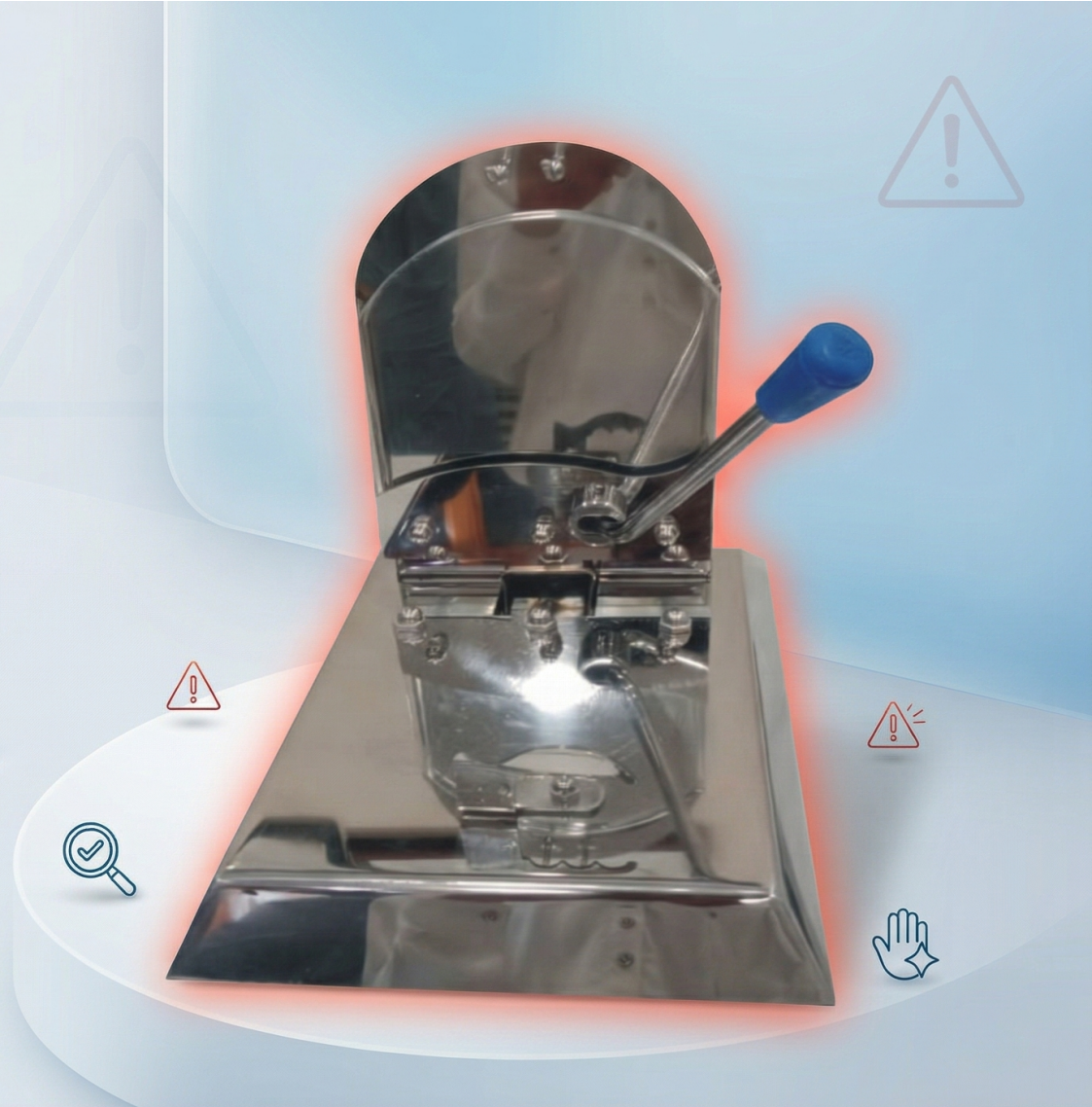


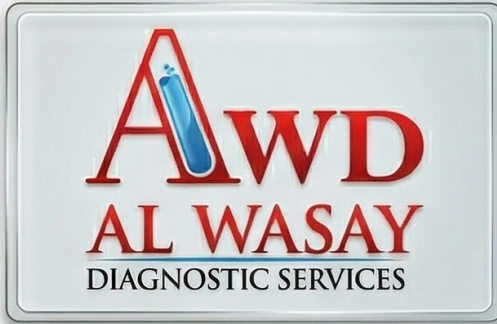
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Safety Precautions

- ⚠ Do not apply excessive force
- ✋ Operate with clean and dry hands
- 🔍 Inspect device before use
- 👤 Use only trained personnel
- 🚫 Keep away from contamination

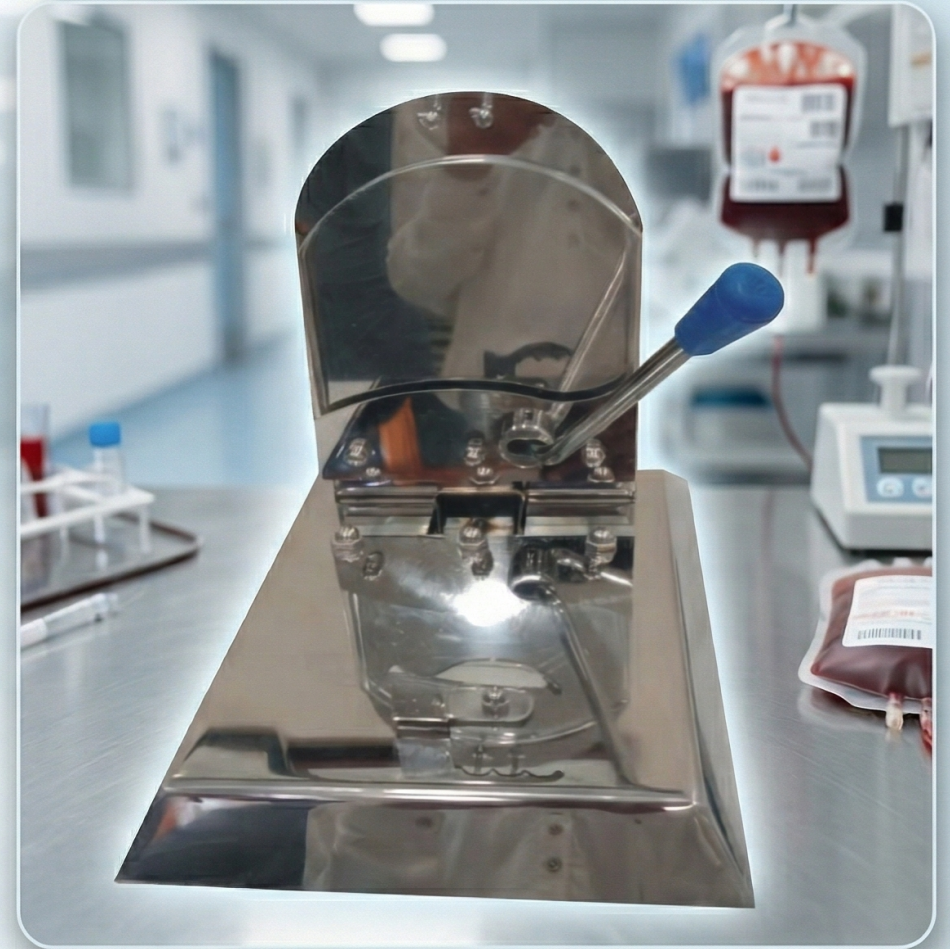




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Applications

- Blood Banks 
- Hospitals 
- Clinical Laboratories 
- Transfusion Centers 
- Blood Component Separation Units



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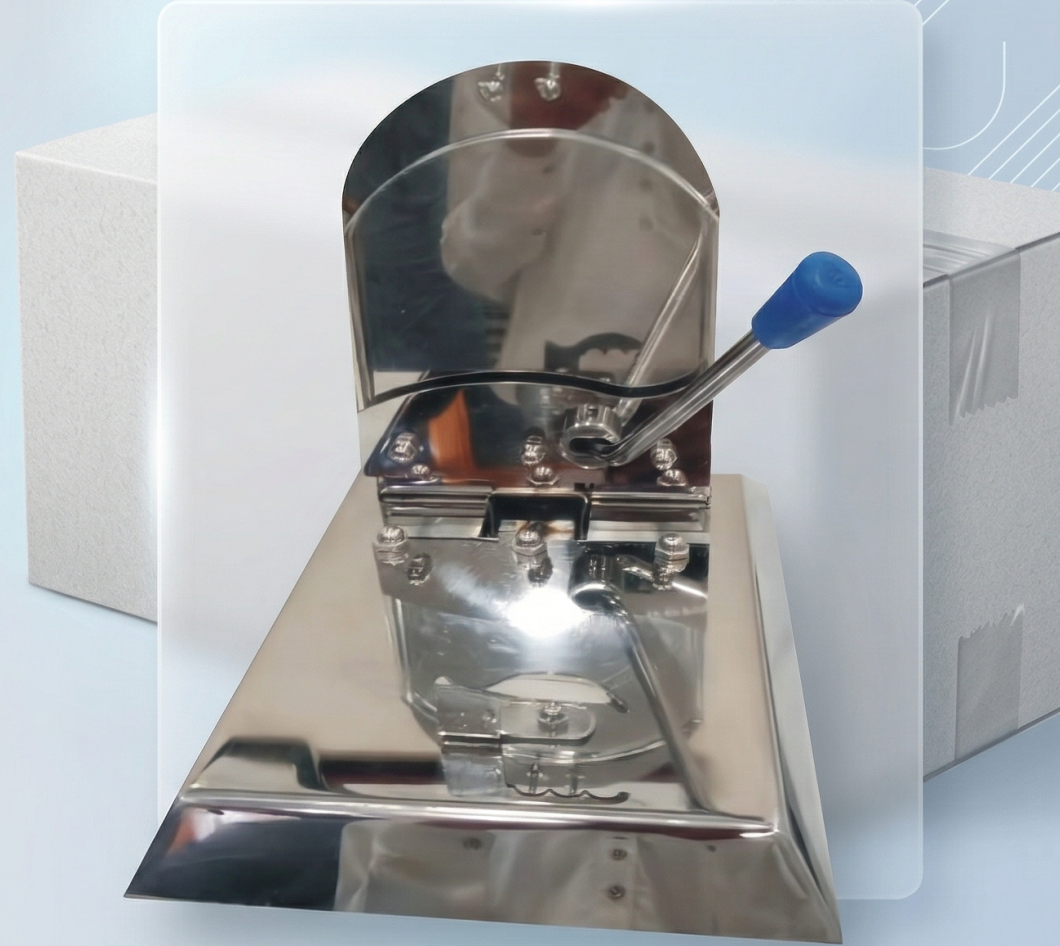
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Quality & Packaging

- Medical-grade stainless steel construction
 - Precision mechanical design
 - Long operational durability
 - Reliable and consistent performance
- Packaging:
- Protective packing material
 - Shock-resistant carton
 - Safe for transport and storage



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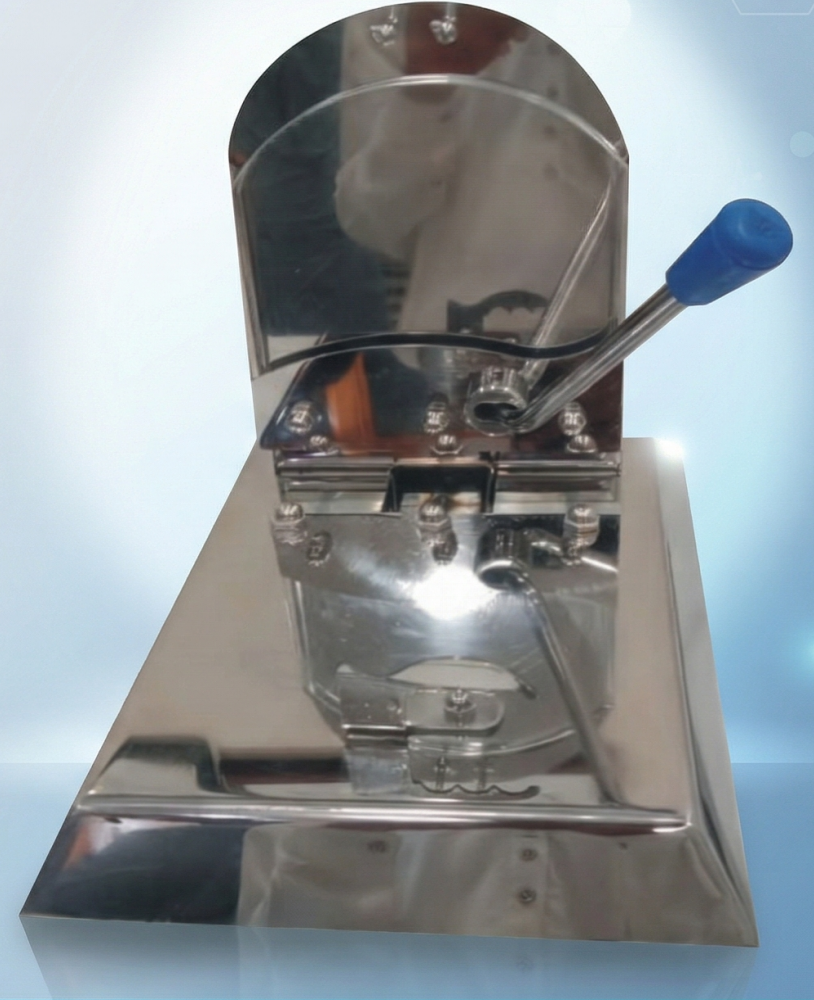
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Manufacturer


Utech Biomedical

Medical Laboratory Equipment
Manufacturer & Supplier

Delivering Quality & Reliability in
Medical Equipment



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Thank You

For Your Time & Attention

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