

Bloomics[®]

Disposable Capillary Blood Collection System

Anytime, Anywhere, Virtually Painless Blood Collection



The safe and portable blood collection system

- **Revolutionary**
Patented microneedle array,
revolutionize conventional blood collection
- **Quality**
Classified as NMPA class II,
ISO 13485
- **Remote**
Blood collection anywhere, anytime
- **Painless**
90% reported blood collection was
painless



MGI Bloomics® Disposable Capillary Blood Collection System

This is an innovative next-generation microneedle array system consists of a disposable capillary blood collection device and a blood collection container.

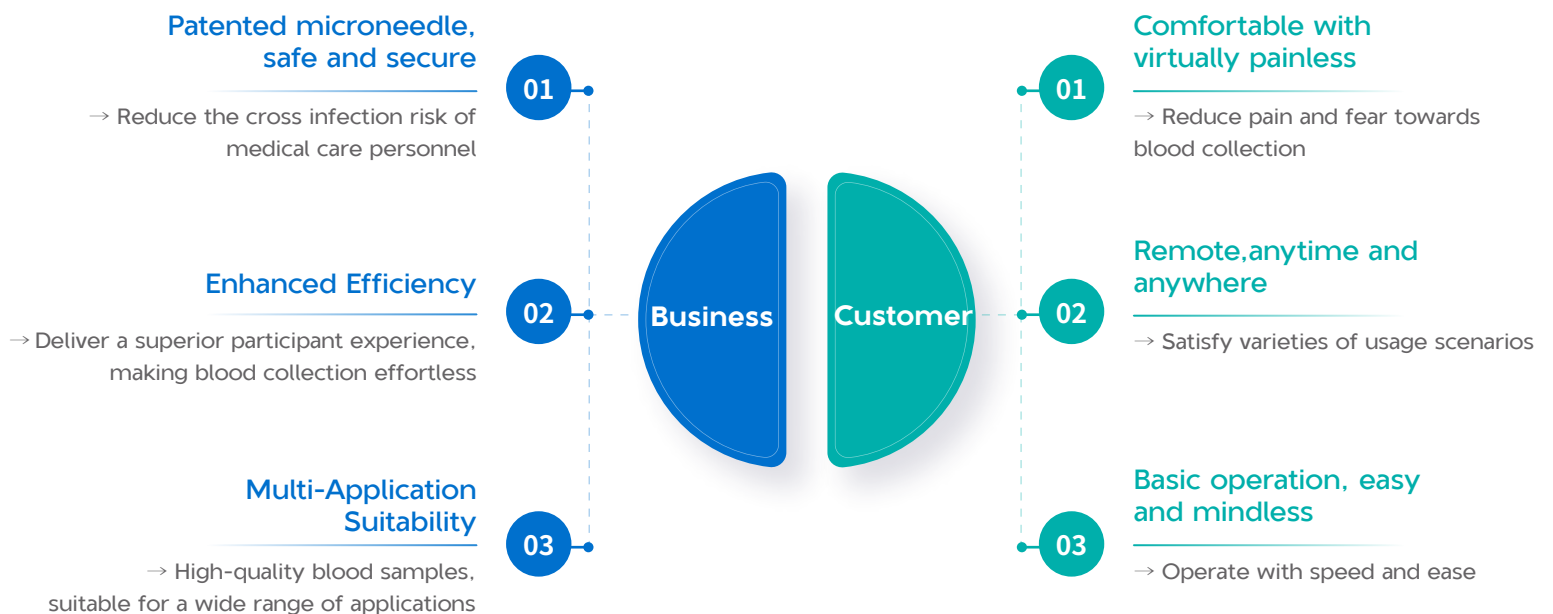
Place the blood collection device on an individual's upper arm, and blood collection begins by inserting the blood collection container into the designated slot. Bloomics® is a great way to ease fear while making blood collection convenient and enjoyable.

Technology

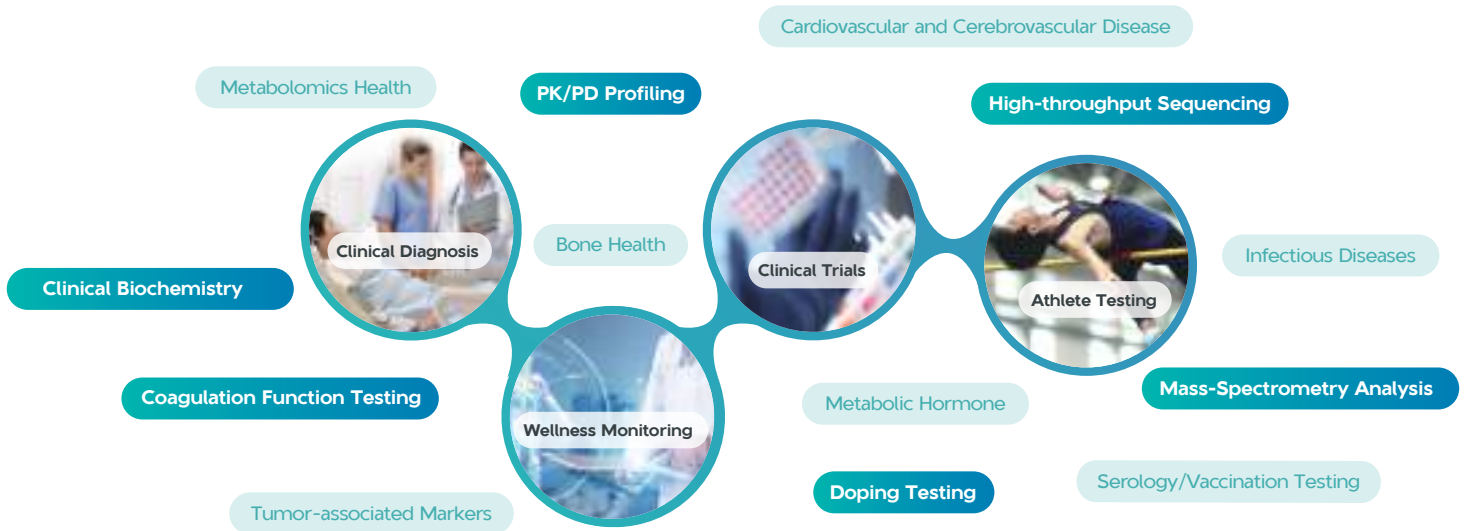
Bloomics® Disposable Capillary Blood Collection System penetrates the skin using its patented microneedle array, and a microfluidic channel would guide the capillary blood towards the blood collection container.

Features

New Era of Capillary Blood Collection



Application*



*The device is designed for blood collection, and the collected blood samples can be used for medical testing and analysis, but not directly for diagnosis or testing.

How to Use*

- 1** Wash and clean hands

Warm your skin until it turns slightly red to increase blood flow (approximately 5 min)
- 2** Disinfect the skin with an alcohol wipe

Remove the protective sticker
- 3** Peel off the clear paper liner to expose adhesive

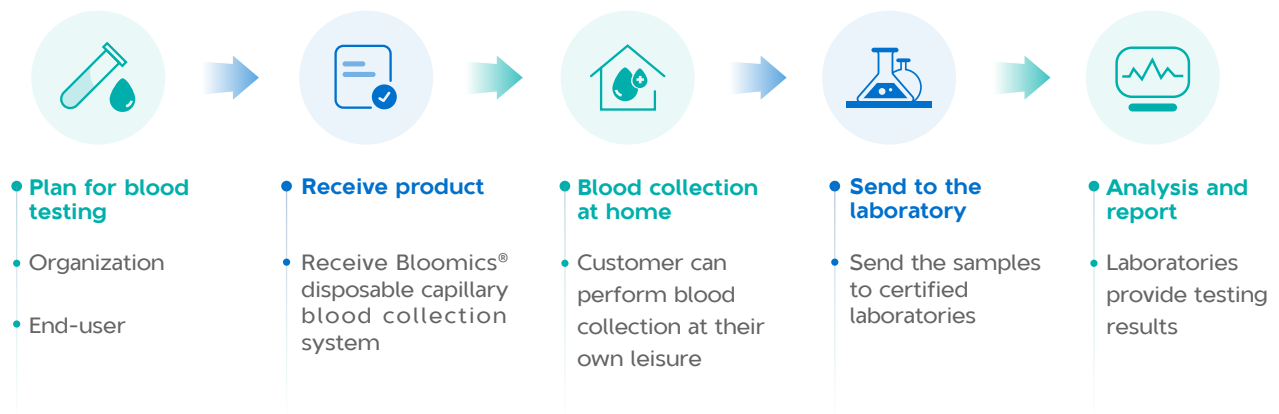
Stick the device to the upper arm
- 4** Precisely insert the collection container

Remove the device (Blood collection time should not exceed 90 s)
- 5** Carefully remove the collection container, mix blood thoroughly with the additive

Mail sample to the lab

*See the instructions for details

Procedure



Blood Collection Device Specifications



Descriptions	Specifications
Classification	NMPA Class II
Size((L x W x H)	58 mm x 38 mm x 38 mm
Weight	40 g±3 g
Collection Time	≤ 90 seconds or reached desired volume
Collection Volume	200 μL
Shelf Life	Up to 8 months

Blood Collection Container Specifications



Descriptions	● K ₂ EDTA	● Coagulant/Serum Gel
Sample Type	Whole Blood or Plasma	Serum
Applications	WGS	Biochemistry Test
	Blood Count	Immunoassay Test
	POCT	Trace elements & Electrolyte Test

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