



# Fully Automated Molecular POCT Analyzer

# MCHIP-2000A





#### **Minimizing Contamination Risk**

Nucleic acid extraction and qPCR reactions are enclosed in a disposable microfluidic chip to minimize the risk of aerosol contamination.

#### **Multiplex PCR Detection**

It is capable to perform massively multiplexed reactions.

#### **Fully-automated**

The entire process is fully-automated based on a microfluidic chip pre-loaded with all the reagents required.

#### **Easy Operation**

The user only needs to add the sample into the chip and the system does the rest.

#### HANGZHOU BIOER TECHNOLOGY CO., LTD.

# Product Introduction %

The new molecular POCT analyzer independently designed and developed by Bioer based on micro-fluidic chip technology uses unique centrifugal rotation (acceleration, deceleration, and positioning) to make the liquid flow and mix, which can complete the whole process of nucleic acid extraction and amplification detection of tested samples in the micro-fluidic chip, making experiments simpler, faster and more accurate. The instrument structure is simple, easy to carry, no debugging is needed, plug-and-play. The user-friendly software interface saves you from complicated experimental settings.

### Operation Process



# Applicable Fields



Outpatient and emergency detection



Customs inspection and quarantine



Livestock breeding



Pet healthcare

For reasearch use only.

# Product Specification %

Product ModelMchip-2000ATouch Screen8 inchSample Throughput2Sample Volume200uLFluorescence Channels6Fluid DriveCentrifugal rotation	Product Name	Fully Automated Molecular POCT Analyzer
Sample Throughput2Sample Volume200uLFluorescence Channels6Fluid DriveCentrifugal rotation	Product Model	Mchip-2000A
Sample Volume 200uL   Fluorescence Channels 6   Fluid Drive Centrifugal rotation	Touch Screen	8 inch
Fluorescence Channels 6   Fluid Drive Centrifugal rotation	Sample Throughput	2
Fluid Drive Centrifugal rotation	Sample Volume	200uL
, and the second s	Fluorescence Channels	6
	Fluid Drive	Centrifugal rotation
Detection Line 45 minutes	Detection Time	45 minutes
Power Supply 100-240 V, 50/60 Hz	Power Supply	100-240 V, 50/60 Hz
Dimension 350x300x350 mm	Dimension	350x300x350 mm
Net Weight 15 kg	Net Weight	15 kg

\*Data tested at standard laboratories.



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