



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.

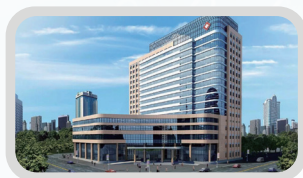
Product Introduction

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



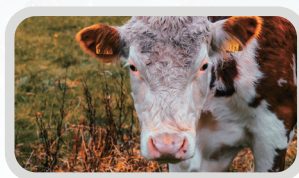
Applicable Fields



▶ Outpatient and emergency detection ◀



▶ Customs inspection and quarantine ◀



▶ Livestock breeding ◀



▶ Pet healthcare ◀

Product Specification

Product Name	Fully Automated Molecular POCT Analyzer
Product Model	Mchip-2000A
Touch Screen	8 inch
Sample Throughput	2
Sample Volume	200uL
Fluorescence Channels	6
Fluid Drive	Centrifugal rotation
Detection Time	45 minutes
Power Supply	100-240 V, 50/60 Hz
Dimension	350x300x350 mm
Net Weight	15 kg

*Data tested at standard laboratories.

For research use only.