

RAA-B6108 Sample Pretreatment System

(苏锡械备20180370)



Working Principle

RAA-B6108 Sample Pretreatment System simulates the manual operations of flicking freeze-dried powder, reagent combining, mixing, stirring, de-bubbling, centrifugation, collection, and thermostat and combines the related roles of oscillator, mixer, thermostat, and centrifuge, etc. It simplifies time-consuming, laborious, error-prone, and complex manual operations into a one-button, fully-automated operation and delivers highly reliable, consistent, and reproducible experimental results.

Product Features

Globally Unique

Patent technology, Integration of mixing, oscillation, centrifugation and isothermality

Small & Convenient

Small size, Light weight and one-button automatic operation

Wide Application

100-240VAC wide voltage design, Applicable to multiple countries and various detection fields

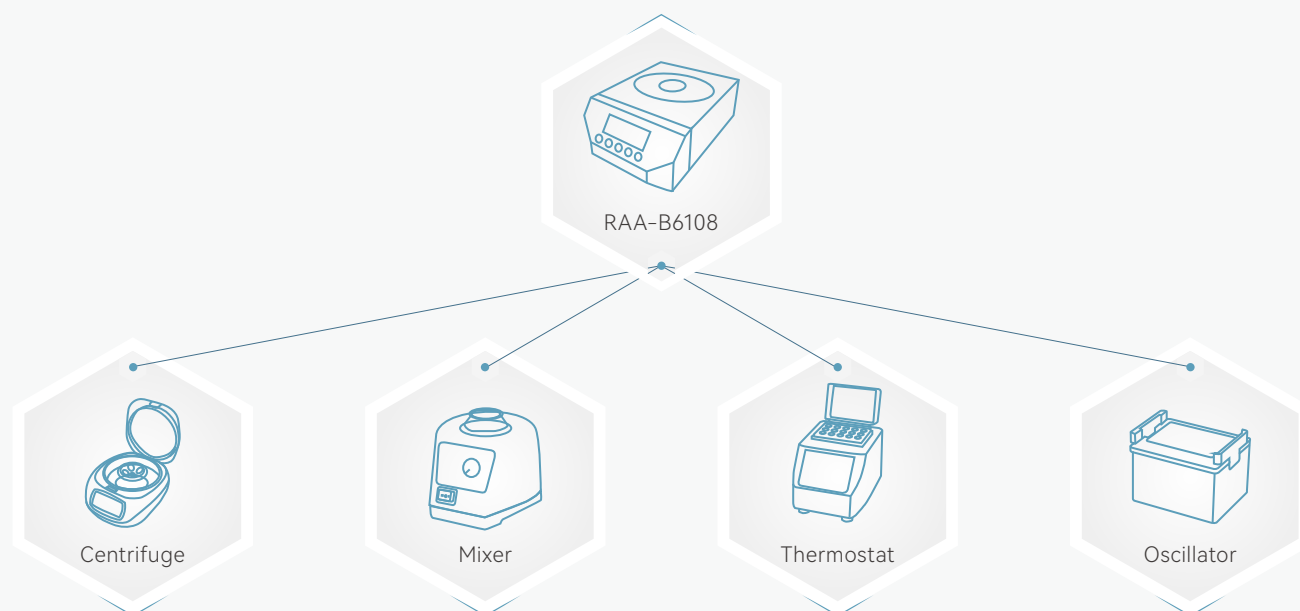
Efficient & Intelligent

Greatly improve the amplification efficiency, Effectively remove artificial operation differentiation, Parameter automatic memory

Safe & Reliable

Open cover protection 60°C overheating protection

Product Function



Basic Parameters

Item	Parameter
Sample size	16
Open cover protection	If open the cover during operation, the instrument will abort rotation and automatically terminate the operation
Dimension	LxWxH: 267x194x122mm
Power supply	100-240VAC 50/60Hz
Weight	Net weight 3.5kg

About us

Wuxi Qitian Biological Science Instruments Co., Ltd is a holding subsidiary of Jiangsu Qitian Gene Biotechnology Co., Ltd, focusing on the research and development and application of isothermal nucleic acid amplification technology and supporting instruments of rapid molecular detection. Participating in major project of the national 13th Five-Year Plan, special project of emergency response to public safety control and prevention of the Ministry of Science and Technology and the unveiling and commanding project to tackle key technology of COVID-19 control and prevention in Wuxi and other projects. The company has completed the sample extraction and pretreatment system and the design of multichannel RAA fluorescent detector and algorithm model of fluorescence detection and its first-generation product isothermal nucleic acid fluorescent detector has obtained national Class III registration certificate to meet the requirements of market access. The company has RAA fluorescent quantification algorithm and sample pretreatment and other core patent technology and many fluorescent detection software copyrights. With the quality policy of "Committed to innovation, Based on quality, Achieve win-win results", the company has created an on-site nucleic acid detection platform to race against time to protect life safety.

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