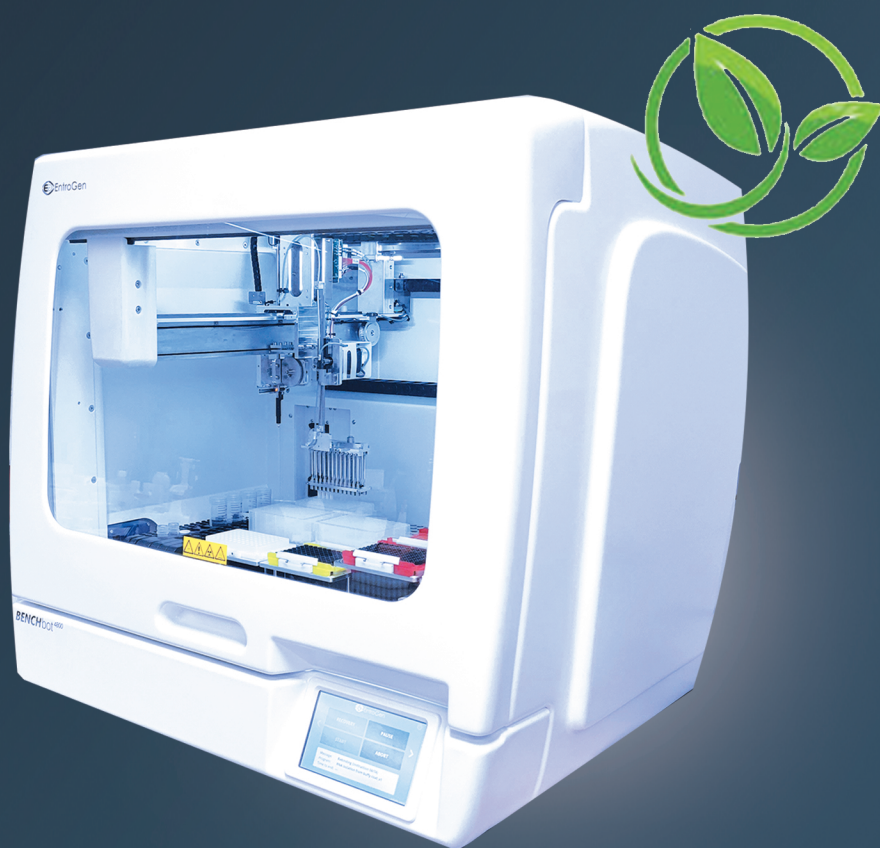


BENCHbot[®] 4800

LIQUID HANDLING SYSTEM



*Eco-friendly
Reagents*

Benchbot® 4800 is the only fully automated system that uses non-hazardous, eco-friendly reagents for nucleic acid isolation and PCR plate set-up.



Simple, efficient fully automated workflow



High throughput - prep up to 48 samples simultaneously



Reduces hands-on time - no tedious manual reagent prep



Intuitive user-friendly interface - no advanced training required



Reduces risk of contamination



Reduces risk of human error



Delivers consistent, reproducible, reliable results



Easily integrated into any lab

Technical Specifications

Nucleic Acid Isolation

DNA from FFPE tissue, RNA from buffy coat.

Pipette

Single channel pipette with disposable tips for 1ul to 1000 ul volume (precision CV < 0.2%).

Safety & Decontamination Tools

Easy to clean deck, UV lamp, removable waste bin, filter tips and disposable components.

Devices on Board

Thermoshaker and heating/cooling unit for PCR reagent storage.

Magnetic Tool

Integrated magnetic rack for nucleic acid isolation.

Hazardous Waste Reduction

Non-hazardous, non-flammable reagents help protect the health and safety of workers and reduce the risk of fire and/or explosion.
NO HAZARDOUS WASTE DISPOSAL REQUIRED.

Traceability

Barcode scanner, internal database and plate mapping.

Compact Benchtop Instrument

Only 35.8 x 31.1 x 33.4 inches

Workflow

① Assay Selection



② Automated Extraction



③ Automated Plate Set-up



④ Transfer Plate to PCR instrument



Currently Available Assays

EGFR Mutation Analysis Kit
RAS Mutation Analysis Kit
BCR-ABL P190 (mbcr) One-Step Detection Kit
BCR-ABL P210 (Mbc) One-Step Detection Kit
AML1-ETO One-Step Detection Kit
E2A-PBX1 One-Step Detection Kit
MLL-AF4 One-Step Detection Kit
TEL-AML1 One-Step Detection Kit
CBFb-MYH11 One-Step Detection Kit

EGFR-RT52
RAS-RT50
BCR190-QRT46
BCR210-QRT46
LEUK1-QRT24
LEUK2-QRT24
LEUK3-QRT24
LEUK5-QRT24
LEUK6-QRT24