The BioQule™ NGS System

REIMAGINE
LOW-THROUGHPUT
LIBRARY PREP

For research use only. Not for use in diagnostic procedures.
Reimagine low-throughput library prep with the BioQule™ NGS System and simplify your library prep and quantitation with walk-away automation. This low-cost, benchtop instrument delivers libraries ready to load into your sequencer in only 15 minutes of hands-on time, allowing you to focus on what really matters.

- Full walkaway automation (80% reduction in HOT)
- Easy to use (only 4 touch points)
- Avoid human error (>99% success rate)
- Open system able to automate different applications
Easy NGS Library Preparation

The BioQule NGS System has been specifically designed so no automation experience is required to generate NGS libraries. Simply pipette your samples, beads, and two reagents into the plate, place the cartridge and plate in the instrument, close the door and walk-away. The BioQule NGS System will construct AND quantitate up to 8 libraries while you to focus on what really matters.

Library Preparation & Quality Control in the Same System

The BioQule NGS System is equipped with automated fluorescence-based optical quantitation to measure the concentration of each library. You will no longer need to move your samples from one instrument to another to perform concentration analysis on your libraries.

The BioQule NGS System constructs libraries with size distributions that are equivalent to those prepared manually.

The BioQule NGS System Compatible Kits*

• NEXTFLEX® Rapid DNA-Seq kit 2.0
• NEXTFLEX® Rapid XP V2 DNA-Seq kit

*More kits in development. Please inquire.
Simplified Reagent & Cartridge Preparation

Each run of the BioQule NGS System uses one reagent plate and one cartridge. The reagent plate comes pre-plated with most reagents required for NGS library preparation. Once one run is complete, simply change out the plate and cartridge and you can construct another 8 NGS libraries.

BIOQULE™ NGS SYSTEM SPECIFICATIONS

- **Dimensions:**
  - 11.25" (28.58 cm)
  - 27" (66.04 cm)
  - 16.5" (41.91 cm)

- **Electrical Requirements:**
  - 100-240VAC at 50-60Hz

- **Weight:**
  - 45 LBS

Contact us to Automate Your NGS Library Preparation

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PerkinElmer, Inc.
940 Winter Street
Waltham, MA 02451 USA
P: (800) 762-4000 or (+1) 203-925-4602
www.perkinelmer.com

For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

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