# FragQ-S18
# Bio-fragment Analyzer

MGI

**Portable**
24x21x30cm

**Time Saving**
3~10mins per sample

**Sample Capacity: 1~18**

## System Highlights

- Automatic system
- Qualitative and quantitative in one analysis
- High resolution/sensitivity/reproducibility
- Export PDF/Word/Excel format report
- Easy to use
- No gel preparation
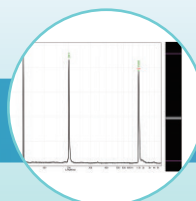
## 3-Steps to Start Analysis

**01** Place samples and buffer
1 to 18 samples capacity
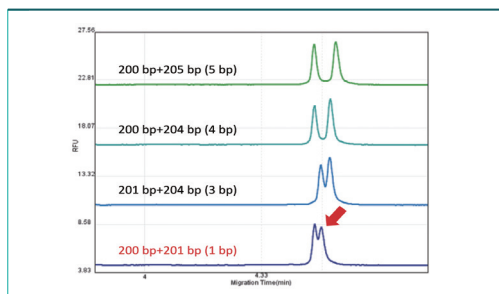
**02** Insert cartridge

**03** Run Q-Analyzer
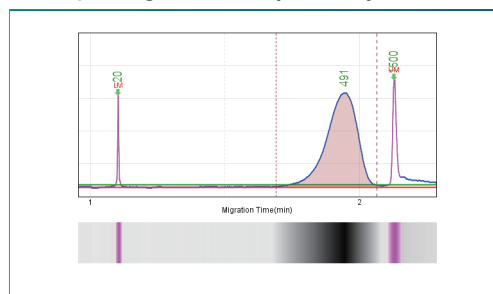
# Multiple Applications

- Next Generation Sequencing (NGS) QC
- PCR Product Screening
- CRISPR QC

- Plasmid Purification & Vector Cloning Analysis
- Plasmid DNA QC
- High Molecular Weight DNA Analysis
- Oligonucleotides Analysis

- Cell-free DNA QC
- RNA Analysis
- Restriction Fragment Length Polymorphism (RFLP)

### High Resolution -*1 to 4 bp resolution*
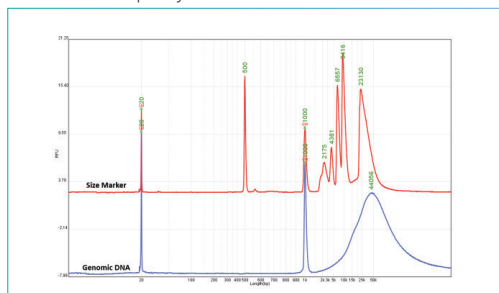200 & 201bp can be resolved



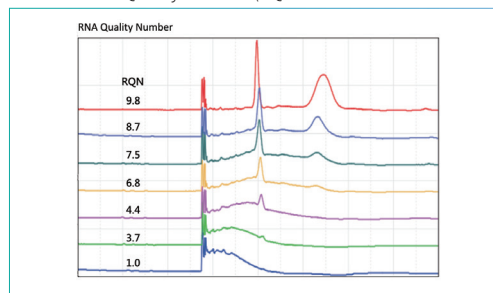### NGS QC *- Fragmented Samples Analysis and Library QC*



### Large Size DNA Analysis- *Sizing range up to 60 kb*
Genomic DNA quality check



### Total RNA QC- *RNA Integrity Check*
Provide RNA Quality Number (RQN)



## Specifications of FragQ-S18

- Separation Voltage: 1-8 kV
- Connection: Network Cable
- Power Source: AC 100-240 V
- Maximum Power: 80 W

- System Weight: 5.5 kg
- Dimension: 24×21×30 cm
- System Type: 1 Channel Portable System
- Automated Sampling: 1 to 18 samples



## Ordering Information

| Product Number | Product Name | Product Number | Product Name |
|---|---|---|---|
| 950-000175-00 | Bio-fragment Analyzer FragQ-S18 | 962-000178-00 | 0.1ml tube (4-STRIPS) |
| 950-000174-00 | MGIEasy High Sensitivity Cartridge Kit (N1) | 962-000179-00 | Qsepl 18-strip Sample Tube |
| 950-000176-00 | MGIEasy Standard Cartridge Kit (S2) | 961-000676-00 | Size Marker pBR322 MspI Digest |
| 950-000172-00 | MGIEasy Kilobase Cartridge Kit (S3) | 961-000677-00 | Size Marker Standard 50bp Ladder |
| 950-000173-00 | MGIEasy RNA Cartridge Kit (R1) | 961-000678-00 | Size Marker 500bp-23kb |
| 960-002324-00 | Qube Purge Station for 1 Channel | 961-000679-00 | Alignment Marker 20bp&1000bp |
| 962-000177-00 | 8-STRIPS Micro Vial | 961-000680-00 | Alignment Marker 20bp&5000bp |