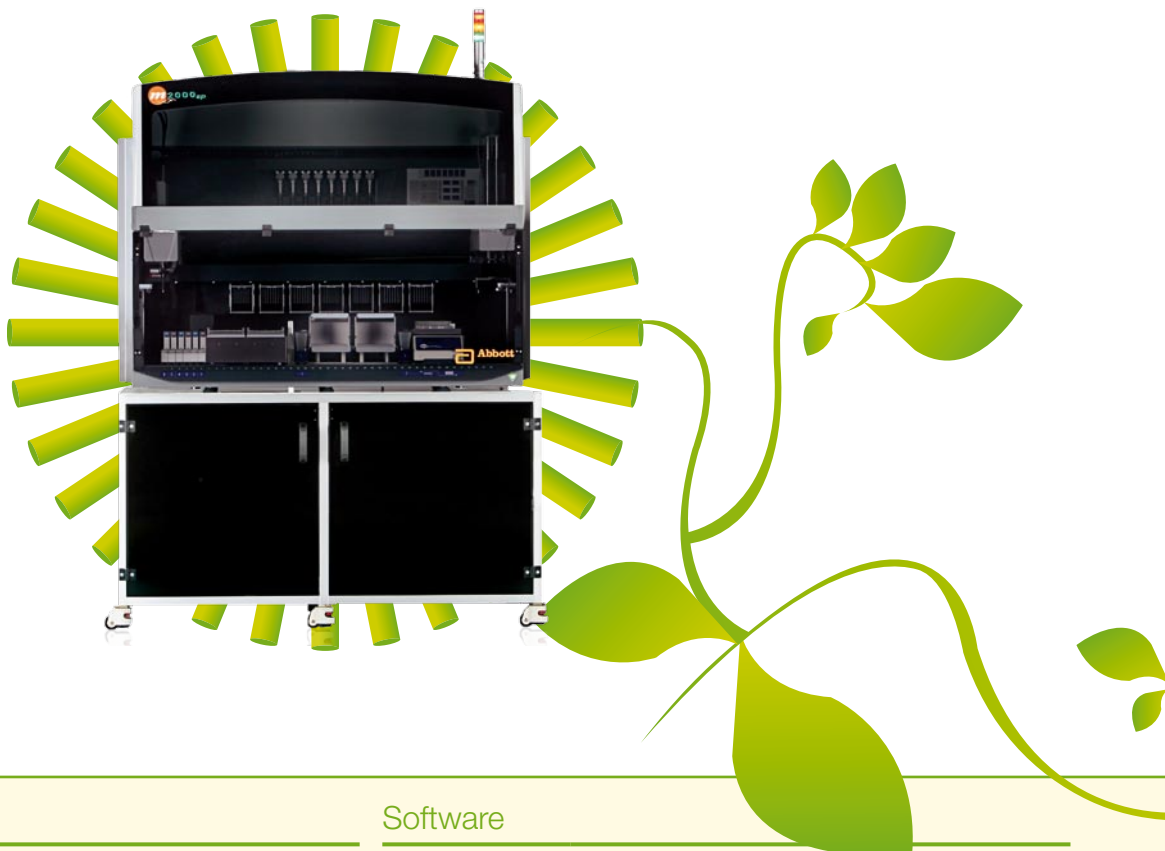




# mBracing Applications. m2000sp\*



## Instrument

### Walk-away Automation and Efficient Workflow

- ⦿ Minimized hand-on-time
- ⦿ Master mix pipetting and PCR plate preparation
- ⦿ High throughput system with a maximal batch size of 96 samples per run

### Bar-coded Primary Tubes

- ⦿ Positive sample ID tracking (from ingoing sample tube to result for patient samples)
- ⦿ Error-free sample processing

### Precision Pipetting

- ⦿ Eliminates manual mixing of manipulation
- ⦿ Eliminates cross contamination (filter tips)

### Open Mode Capability

- ⦿ Flexible DNA and RNA protocols
- ⦿ Different sample types
- ⦿ Flexible master mix set up

### Status Lamp

- ⦿ Displays instrument operating status
- ⦿ Contains an audible alarm

## Software

### Diagnostic Software

- ⦿ Quantitative and Qualitative Analysis with clear screen displays

### Data Transfer

- ⦿ PosID tracking for secure patient management (from extraction on the m2000sp to m2000rt)

### maxCycle

- ⦿ Option to detect HIV and HCV viral load at the same time

## Service and Support

### LIS-Capability

- ⦿ Standardized LIS-Capability

### AbbottLink

- ⦿ Remote Instrument Monitoring

### Service and Support

- ⦿ Online documentation of actual manuals
- ⦿ Customer service and training on site
- ⦿ Customer telephone support line

\* m2000sp is part of the Abbott Molecular mSystems Family

## System Overview



### All-purpose sample racks

Uses primary and secondary tubes together with appropriate non-competitive controls.



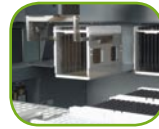
### Output desk

Provides positions for the 96-Well Optical Reaction (PCR) plate; reagent packs, and master mix tube. PCR plate can be maintained at a temperature of between 5 and 30 °C, depending on the protocol.



### Positive ID Barcode Reader

Barcode reading enables full sample and reagent tracking; ensures positive identification of barcodes on sample tubes and carriers; checks positioning of all necessary worktable items and sample racks including sample barcodes and reagent barcodes.



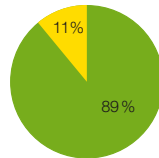
### Robotic Manipulator Arm (RoMa)

Feeds system automatically with disposable tip racks and transports sample carrier to different positions on the worktable without manual interactions.



### Liquid Handling Arm (LiHa)

Guarantees reliability with minimized risk of cross-contamination and eliminates manual interaction steps (filter tips).



### High degree upon automation with a minimum of hands-on time

- Hands-on Time
- Walk-away Time

Source: Based on third party evaluation on *m2000* throughput, data on file. (RealTime CT/NG, batch size 96 samples)

## Extraction Protocols

### Abbott RealTime

- HBV Viral Load
- CT/NG Detection
- HBV Sequencing
- HCV Viral Load
- CT Detection
- HCV Genotyping
- HIV-1 Viral Load
- HPV High-Risk Detection
- HIV Integrase-Genotyping

### Features

- *maxCycle* HIV/HCV Viral Load
- Open Mode Extraction
- AbbottLink

## Characteristics and Ordering Information

Name	List Number	Size	Weight	Power Source
Abbott <i>m2000sp</i> Instrument	<b>9K1402</b>	Width: 145 cm (57.1 in.) Height: 220 cm (86.6 in.) Depth: 79.4 cm (31.3 in.)	292.7 kg (645.3 lbs)	100–240 V

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