

MassARRAY[®] Nanodispenser RS1000

SEQUENOM[®]s MassARRAY Nanodispenser is a benchtop dispensing instrument employing advanced robotics to spot a wide variety of aqueous solutions in the nanoliter range onto SpectroCHIP[®]s.

- Self-contained, benchtop system with no external tanks or pumps
- Touch screen and graphical control software allows easy operation of the instrument
- Ultrasonic-wash, rinse, and vacuum-drying systems prevent pin contamination
- Computer vision system checks for processing deck components; ensures SpectroCHIP alignment for accurate dispensing; measures volume of dispensed droplets; and reads 2-dimensional barcodes on SpectroCHIPS
- Robust pin array endures thousands of spotting cycles
- Unique, patented pin design to preserve the MALDI matrix on SpectroCHIPS
- Integrated barcode scanner reads microtiter plate barcodes

Pin Configuration

24-pin (6 X 4) for dispensing from 384-well microtiter plates

Sample Source Configuration

384-well microtiter plate

Sample Destination Configuration

384 SpectroCHIP

Microtiter Plate Capacity

2 microtiter plates

SpectroCHIP Capacity

1 SCOUT plate (10 SpectroCHIPS) or
2 Compact SCOUT plates (4 SpectroCHIPS)



Dispensing Volume

6-30 nL

Supported Labware

ABGene[®] Thermo-Fast[®] 384 PCR Plate (AB-1384)

ABGene[®] Thermo-Fast[®] 96 Skirted, Low Profile (AB-0800)

Operating System

Microsoft[®] Windows[®] XP Professional

Physical Dimensions with door closed

Width: 27.5 in. (70 cm)

Height: 28 in. (71 cm)

Depth: 27 in (69 cm)

Weight: 155 lb. (70 kg)

Operating Environment

65-75° F (18-24 C)

20-50% relative humidity

Electrical

100-240 VAC 50-60 Hz, 15A

Voltage automatically detected by instrument

3.2A maximum consumption

Ordering Information

MassARRAY[™] Nanodispenser RS1000
(product number 11242)

Patents and Trademarks

SEQUENOM, MassARRAY, and SpectroCHIP are registered trademarks of SEQUENOM, Inc.

MassEXTEND is a trademark of SEQUENOM, Inc.

Microsoft and Windows are registered trademarks of Microsoft Corporation.

All other trademarks are the property of their respective owners.

Manufacture or remanufacture of SpectroCHIP[®] solid supports used in conjunction with the MassARRAY[™] system and/or detection of a nucleic acid sequence by mass spectrometry (and other aspects as claimed) is covered by one or more claims of United States Patent Nos.: 6,569,385; 6,500,621; 6,300,076; 6,258,538; and foreign equivalents. Other U.S. and foreign patents pending.

SEQUENOM[®]

WEB SITE WWW.SEQUENOM.COM
US TOLL FREE +1 877 4GENOME

US WEST +1 858 202 9000 EUROPE +49 40 899676 0
US EAST +1 978 371 9830 ASIA/PACIFIC +61 7 3845 3683