



Email : sales@laboratoryinstrumentindia.com

Product Name :
Multiplexing PCR Machine

Product Code :
LBNY-0001-600001



Description :

Multiplexing PCR Machine, Multiplexing PCR Machine Equipments, Multiplexing PCR Machine Tools, Multiplexing PCR Machine Tool Kits, Multiplexing PCR Machine Manufacturers, Multiplexing PCR Machine Suppliers from India, China, Kenya

Lab Tender Suppliers Africa and Lab Equipment Africa Kenya, Uganda, Sudan, Algeria, Morocco, Angola, Ghana, Mozambique, Madagascar, South Africa, Ivory Coast, Cameroon, Niger, Burkina Faso, Mayotte, Sao Tome, Seychelles, Zambia, Chad, Somalia, Senegal, Zimbabwe, Guinea, Rwanda, Benin, Burundi, Tunisia, South Sudan, Mali, Malawi, Nigeria, Ethiopia, Egypt, DR Congo, Tanzania, Togo, Sierra Leone, Libya, Congo, Central African Republic, Liberia, Mauritania, Eritrea, Gambia, Botswana, Namibia, Gabon, Lesotho, Guinea Bissau, Equatorial Guinea, Mauritius, Eswatini, Djibouti, Reunion, Comoros, Cape Verde, Western Sahara

Technical Specification :

Multiplexing PCR machine
MAGPIX + PC with xPONENT software, Calibration kit, Verification kit, Drive fluid
Reagent Compatibility: MagPlex® magnetic microspheres
Multiplexing Capability: Up to 50 individual analytes
Dynamic Range (Typical): ?3.5 logs
Microplate Type: 96-well plate
Reading Speed: 96 wells ?60 mins
Sample Temperature Control: 35° – 60°C (95° – 131°F)
Sample Volume Uptake :20 – 200 ?L
Daily Start-Up :?15 minutes

Detection :CCD Imager
Reporter Channel Excitation :511 nm
Classification Channel Excitation :621 nm
Power :110 – 120 VAC or 200 – 240 VAC and 50 – 60 Hz
Dimensions (W x D x H) :16.5 cm x 60 cm x 43 cm (6.5 in x 23.5 in x 17 in)

Electronics:

USB 2.0-compatible communications link for fast data transfer
Input Voltage Range: 100 - 120 V~ ±10%, 1.4 Amp, and 200 - 240 V~ ±10%, 0.8 Amp, 47 – 63 Hz
Installation Category: II - As defined in IEC 61010-1:2010
Pollution Degree: 2 - As defined in IEC 61010-1:2010

Optics:

Reporter Channel: LED excitation: 511 nm ± 27 nm
Reporter Channel Dynamic Range: 3.5 decades of detection
Reporter/Classification Detector: CCD
Reporter Channel Detection: A/D resolution 16 bits
Focus Lens: 5x magnification

Fluidics:

Sample Uptake Volume: 20 to 200 µL
Well-to-well Carryover: Piercing Probe Capability: Yes
Auto Adjusting Probe Capability: Yes
Internal/Removable Drive Bottle and Waste Bottle: Yes
96-well Plate Capability with Additional Off-plate Reagent Area: Yes

Microspheres:

Classification of xMAP® Microspheres: ? 80%
Total System Misclassification of xMAP Microspheres: ? 2%
Temperature Control: ±1° C of target
Distinguish 1 to 50 unique xMAP MagPlex® microspheres in a single sample
Detects a minimum of 700 fluorochromes of phycoerythrin (PE) per xMAP microspheres
Soluble background fluorescence emissions at 590 nm ± 24 nm automatically subtracted from fluorescence intensity values

PC and Monitor Specifications:

Processor: 3.0 GHz Intel Core i5 (or higher)
Main Memory: 8 GB RAM
Hard Drive: 1 TB
Hard drive space (or higher)
Ports: 1x USB 3.1 Type-C 5x USB 3.1 Type-A 4x USB 2.0 Type-A 2x Display ports 1x VGA port 1x DVD R/W type drive PCI USB Adapter Card.
Operating System: Microsoft® Windows® 10 Professional 64 bit, Version 1709 or greater
Screen Resolution: SXGA 1,280 x 1,024, 32 bit color
Screen Size: 49.3 cm (19 in.)
Display Settings: 96 DPI font Default Windows 10 theme, required installation. Warranty IQ, OQ and PQ.



Laboratory Instrument India

