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**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**

