

LABScan3D™

Advanced Multiplex Analyzer

Key Benefits

Advanced Multiplexing and Expanded Coverage

- Multiplexing capability with 500 unique bead regions for increased analyte detection
- Accelerated acquisition with dual sample fluidics paths and increased syringe injection rate
- High throughput testing with reduced turnaround time
- Compatible with classic LABScan™ 100 based assays and new LABScan3D specific assays

State-of-the-art xPONENT® Acquisition Software

- Programmable and automated maintenance routines
- Intuitive graphical user interface
- Enhanced data archiving
- Customizable import/export options simplify data exchange
- Low bead count detection/alerts and remote web monitoring
- LIS connectivity



Breakthrough Performance

Designed to provide breakthrough performance, higher throughput, and greater flexibility to transplant diagnostics, the LABScan3D™ is the most advanced IVD approved Luminex® system available. Dual syringe pumps and reagent reservoirs allow for higher throughput and programmable maintenance routines. Able to process 500 bead regions simultaneously, LABScan3D significantly increases the number of screenable analytes. This advanced instrument is compatible with all of One Lambda's LABType™ and LABScreen™ products.

LABScan3D

Technical Specifications

Performance	Multiplexing capability of up to 500 unique bead regions
Fluidics	
Sheath Fluid Pressure	8 - 13 Psi
Sample Injection Rate	2 µl/second
Sample Uptake Volume	10 - 200 µl
Optics	
Classification Laser	638 nm
Reporter Laser	532 nm
Reporter Detector	565 - 585 nm
Dimensions	Width, Depth, and Height: 58.4 cm (23 in) x 63.5 cm (25 in) x 47.4 cm (19 in)
Weight	≤ 200 lbs (without accessories and computer)
System Warm Up	30 minutes
Compatible Assays	LABType SSO, LABType HD, LABType CWD, LABType XR, and LABScreen

Ordering Information

Product	Cat. No
For In Vitro Diagnostic Use. (Unless otherwise stated)	
Instrument	
LABScan3D	LABSCNXS4
LABScan3D Utility Stand	LXPLX4SYS
Reagents	
LABScan3D Calibration Kit (For General Laboratory Use.)	LX4CALKT
LABScan3D Performance Verification Kit (For General Laboratory Use.)	LX4VERKT
Luminex Sheath Fluid - 20 Liter (For General Laboratory Use.)	LXSF20
Luminex Sheath Fluid - 5x20 Liter (For General Laboratory Use.)	LXSF20X5
xPONENT 4.2 Modules	
Extra Seat Licenses – (quantity: 3)	LX4-LIC
Basic Security Module	LX4-SFW1
21 CFR Part 11 Module	LX4-SFW2
Laboratory Information System Module (LIS)	LX4-SFW3
Automation Module	LX4-SFW4

Find out more at onelambda.com

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A Thermo Fisher Scientific Brand

21001 Kittridge Street
Canoga Park, CA 91303-2801, USA
TEL: 818.702.0042 | 800.822.8824
(except greater LA area)
FAX: 818.702.6904 | 800.992.2111
(U.S. and Canada Only)
INTERNATIONAL: Contact your local distributor



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