

Luminex

FLEXMAP 3D[®] (RUO)

Multiplexing Solution for Proteins and Nucleic Acids



FLEXMAP 3D[®] (RUO)

Bridging the Proteome and the Genome

The FLEXMAP 3D[®], a flow-based reader, is the most advanced and versatile multiplexing platform from Luminex. Fast read time, compatibility with both 96- and 384-well plates and ease of integration with front-end automation systems make the FLEXMAP 3D the platform of choice for high-throughput applications. The platform uses both magnetic and non-magnetic microspheres and is capable of simultaneously measuring up to 500 genes or proteins from a small sample volume. Automated startup, shutdown, and maintenance routines make the FLEXMAP 3D easy to use and maintain.

Specifications

- **Physical Dimensions:** 58.4 cm x 65.3 cm x 54.7 cm (23" x 25.7" x 18")
- **Weight:** 91 kg (200 lb)
- **Power Supply:** 100-120 volts (U.S.) or 200-240 volts (EU)
- **Multiplexing:** Up to 500 biomarkers in a single sample volume
- **Sensitivity:** 200 to 500 fluorochromes per xMAP[®] microsphere
- **Dynamic Range (Typical) :** >4.5 logs
- **Read Time:** 96-well plate in ≤ 20 min (up to 144,000 tests/hour)
384-well plate in ≤ 75 min (up to 153,600 tests/hour)
- **Daily Startup/Shutdown:** ≤ 30 min

Ordering Information

Product Name	Part Number
FLEXMAP 3D [®] System (RUO) Core Components Included xMAP [®] Sheath Fluid (RUO) (40-50000) Heater Block (96-well plate) Sample Probe Needle Heater Block (384-well plate) Off Plate Reagent Block Documentation Waste Container Sample Probe Height Adjustment Tool Barcode Scanner Desktop PC & Software Included Desktop PC with Win 7 64-bit, U.S. English Arm Mounted ELO 19" Touchscreen Monitor Small Form Factor Dell Keyboard & Mouse Dell Warranty Transfer xPONENT [®] Software (3 seats)	FLEXMAP-3D-RUO
Components Included (shipped separately)	
FLEXMAP 3D [®] Calibration Kit	F3D-CAL-K25 (qty 1)
FLEXMAP 3D [®] Performance Verification Kit	F3D-PVER-K25 (qty 1)
FLEXMAP 3D [®] Sheath Concentration Kit (RUO)	40-50018 (1L, qty 1)
Optional	
Barcode Scanner	Optional (no charge with purchase of new system)
FLEXMAP 3D [®] IQ/OQ with Installation	VP-FM3D-XPON-IQOQ
FLEXMAP 3D [®] Yearly OQ	VP-FM3D-XPON-OQ

Luminex[®]
complexity simplified.

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For Research Use Only. Not for use in diagnostic procedures. Products are region specific and may not be approved in some countries/regions. Please contact Luminex at support@luminexcorp.com to obtain the appropriate product information for your country of residence. The FLEXMAP 3D is a class 1 laser product.

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