

**Luminex**

# Luminex<sup>®</sup> 200<sup>™</sup>

Multiplexing Solution for Proteins and Nucleic Acids



# Luminex<sup>®</sup> 200<sup>™</sup>

## Flexible Multiplexing Technology

The Luminex<sup>®</sup> 200<sup>™</sup>, a flow-based reader, sets the standard for multiplexing with thousands of instruments sold globally and more than fifty FDA 510(k) cleared assays using xMAP<sup>®</sup> Technology. The ability to perform up to 100 different tests in a single reaction volume, and to use either magnetic beads or plain polystyrene beads makes this instrument a popular choice for laboratories needing greater flexibility. Additionally, the Luminex 200 is able to offer higher sample throughput with a 96-well plate read time of only 45 minutes.

## Specifications

- **Physical Dimensions:** 43 cm x 50.5 cm x 24.5 cm (17" x 20" x 9.5")
- **Weight:** 25 kg (60 lb)
- **Power Supply:** 100-120 volts (U.S.) or 200-240 volts (EU)
- **Multiplexing:** Up to 100 biomarkers per sample volume (80 on MagPlex<sup>®</sup> microspheres)
- **Sensitivity:** < 1000 fluorochromes per microsphere
- **Dynamic Range (Typical) :** >3.5 logs
- **Read Time:** 96-well plate in ≤ 45 min (up to 12,800 tests/hour)
- **Daily Startup/Shutdown:** ≤ 30 min

## Ordering Information

Product Name	Part Number
Luminex <sup>®</sup> 200 <sup>™</sup> System <b>Core Components Included</b> xMAP <sup>®</sup> Sheath Fluid (40-50000) Sheath Delivery System X-Y Platform for 96-Well Plates; Sample Probe Needle 1 L Sheath Bottle & 1.2 L Waste Bottle <b>Desktop PC &amp; Software Included</b> Desktop PC with Win 10 64-bit, U.S. English Small Form Factor Dell PC Dell Warranty Transfer Sample Probe Height Adjustment Kit Automated Maintenance Plate Heater Block (96-well plate) Documentation Dell 19" Monitor, 1917S Series with Stand Dell keyboard & Mouse xPONENT <sup>®</sup> Software	LX200-XPON-IVD
<b>Components Included (shipped separately)</b>	
Luminex <sup>®</sup> 200 <sup>™</sup> Calibration Kit	LX200-CAL-K25 (qty 1)
Luminex <sup>®</sup> 200 <sup>™</sup> Performance Verification Kit	LX200-CON-K25 (qty 1)
<b>Optional</b>	
Barcode Scanner	Optional (no charge with purchase of new system)
Luminex <sup>®</sup> 200 <sup>™</sup> IQ/OQ with Installation	VP-LX-XPON-IQOQ
Luminex <sup>®</sup> 200 <sup>™</sup> Yearly OQ	VP-LX-XPON-OQ
xMAP Sheath Concentrate Pack	40-75680 (1L, qty 1)

**Luminex<sup>®</sup>**  
complexity simplified.

**orders@luminexcorp.com or support@luminexcorp.com**

For In Vitro Diagnostic Use. 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 Luminex 200 is a class 1 laser product.

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