

Luminex xMAP[®] Instrumentation (RUO)

Flexible Multiplexing Technology

xMAP[®] bead-based technology is the gold-standard in multiplexing, allowing you to generate more data while saving sample, time, and reagents. Luminex offers four xMAP-based instruments, covering a range of laboratory and budgetary needs.

xMAP systems provide:

- A broad menu of commercially available assays.
- An open architecture design, supporting the development of your own unique tests.
- The ability to multiplex up to 500 targets per well.
- Custom assay development services through LuminexPLORE labs.

| | xMAP INTELLIFLEX [®] DR-SE | xMAP INTELLIFLEX [®] | FLEXMAP 3D [®] | Luminex [®] 200™ |
|--|---|---|--|--|
| Optics Hardware | Lasers/APDs/PMTs | | | |
| Technology | Flow-based | | | |
| Multiplexing | Up to 500 | Up to 500 | Up to 500 | Up to 100 (80 on MagPlex [®]) |
| Dynamic Range | ≥5.5 logs (RP1) ≥4.5 logs (RP2) | ≥5.5 logs (RP1) | ≥4.5 logs (RP1) | ≥3.5 logs (RP1) |
| Read Time | 96-well in ~20 min 384-well in ~75 min | 96-well in ~20 min 384-well in ~75 min | 96-well in ~20 min 384-well in ~75 min | 96-well in ~45 min |
| Applications | Protein/nucleic acid | | | |
| Automation-Compatible Hardware | Front and side eject | Front eject only | Front eject only | Front eject only |
| Reporter Laser | 532 nm (green) 405 nm (violet) | 532 nm (green) | 532 nm (green) | 532 nm (green) |
| IQ/OQ | Yes | | | |
| 21 CFR Compliance | Yes | Yes | Yes | Yes |
| Automation | Yes | Yes | Yes | Yes |
| Analytics | Partner analytics | Partner analytics | xPONENT [®] basic + partner analytics | xPONENT [®] basic + partner analytics |
| Plate Format | 96-well and 384-well | 96-well and 384-well | 96-well and 384-well | 96-well |
| Footprint (Linear Bench Space, Including PC) | 58.4 cm x 61 cm | 58.4 cm x 61 cm | 110 cm x 62 cm | 115 cm x 60 cm |
| Weight | 54.4 kg (120 lbs) | 54.4 kg (120 lbs) | 77.1 kg (170 lbs) | 49 kg (113 lbs) |

Luminex[®]
complexity simplified.

To learn more, please visit luminexcorp.com/xMAP

For Research Use Only. Not for use in diagnostic procedures. The xMAP INTELLIFLEX, FLEXMAP 3D, and Luminex 200 systems are class 1(I) laser products. Specifications and features subject to change without notice.

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