Multi-use Disposable Reader



The Lumos Multi-use Disposable Reader provides ultimate portability for digitization of lateral flow test strips and Bluetooth connectivity to mobile devices for easy access to results.

- Portable, high throughput solution for point-of-care settings
- Reader device is supplied as a kit with up to 50 single use test strips
- Assay results displayed via on device LED indicators
- Optional Bluetooth connectivity to mobile devices

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TECHNICAL SPECIFICATIONS

DESCRIPTION	Multi-use, disposable, lateral flow reader
BRANDING	Customizable branding for reader and optional Smartphone App
ASSAY COMPATIBILITY	Colorimetric (Gold nanoparticles, Latex beads, etc.) Sandwich and Competitive assay formats
CASSETTE SIZE	W 17mm x L 97mm x H 7mm (for strips up to 6mm x 80mm)
CONNECTIVITY	Bluetooth Low Power (where optioned). iOS and Android
NUMBER OF TEST LINES	Up to 4 Test Lines plus one Control Line
RESULT REPORTING	Qualitative, or Semi-quantitative (displayed on reader), Quantitative (Bluetooth option only)
MEASUREMENT PERFORMANCE	Line measurement reproducibility of 5% CV across multiple readers
POWER	Single button cell, non-replaceable
SIZE (WITH CAP)	W 28mm x L 111mm x H 18mm
READER LIFE	Up to 50 tests. Reader lifetime 2 years (configuration dependent)
OPERATING ENVIRONMENT	Professional use (point of care, laboratory, etc.) and home use. 10°C to 35°C (assay dependent)
STORAGE AND TRANSPORT ENVIRONMENT	-25°C to 70°C, 10% to 90% RH, (assay dependent)
SUPPORTED MARKETS	Worldwide
TYPICAL KIT PACKAGE CONTENTS	Reader packaged with up to 50 cassettes
INTENDED USE	Developed and manufactured to ISO 13485; suitable for IVD applications up to FDA Class II CLIA Waiver compatible

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