Leelu Reader

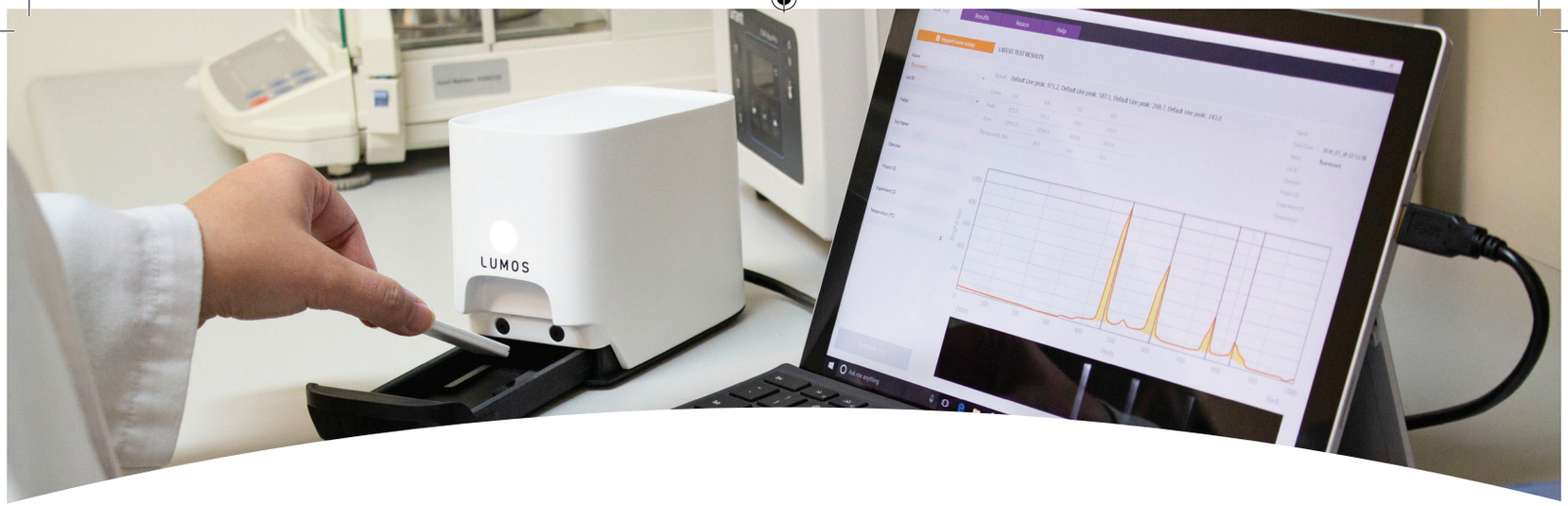


The Leelu Reader is a highly flexible lateral flow reader for assay research and development, as well as lateral flow test strip production quality control. Leelu enables standardization of lateral flow strip analysis across research, manufacturing and in field product use.

- Qualitative, semi-quantitative and quantitative applications
- Configurable across a range of visual and fluorescent detection labels
- Best-in-class optical sensitivity to detect low analyte detection levels
- Easy-to-use proprietary analysis software and tools
- Full access to raw data
- Rapid 5 second read-time

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TECHNICAL SPECIFICATIONS

DESCRIPTION	High sensitivity lateral flow camera reader
BRANDING	Custom branding for reader and software available
ASSAY COMPATIBILITY	Colorimetric (multiple wavelength absorbance including gold nanoparticles, colored latex beads, etc.) Fluorescence (configurable to a broad range of fluorophores)
MAXIMUM CASSETTE SIZE	Up to W 50mm x L 110mm x H 10mm
CONNECTIVITY	USB 3 or greater
POWER	USB powered
SIZE	W 80mm x L 160mm x H 120mm
WEIGHT	1,150 grams
IMAGE SIZE	Maximum image size 35 x 25 mm (1,150 x 900 pixels)
DYNAMIC RANGE	10,000:1 for fluorescent applications
RESOLUTION	Pixel size 0.03 mm
DEVELOPMENT SOFTWARE	PC software included, requires Windows 8 +
OPERATING ENVIRONMENT	Indoor use in laboratory conditions. 15°C to 30°C. 20% to 70% RH (non-condensing)
STORAGE ENVIRONMENT	5°C to 45°C, 20% to 70% RH (non-condensing)
SUPPORTED MARKETS	USA, EU (CE Mark pending), Australia
PACKAGE CONTENTS	Reader, USB drive containing User Software, User Manual and calibration, Getting Started Guide, Shipping box
INTENDED USE	Research Use Only. Not for diagnostic use

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