iUL

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iPeak®+
Lateral Flow Reader

Main Benefits

Connect & integrate!
Transmit data to portable devices such as mobile phones or tablets, cloud, LIS, LIMS, HIS, EMR. Connect the reader to local networks, or the Internet, iPeak®+ meets the requirements of different environments of use, guaranteeing the security of your data. Know more about iPeak®'s connectivity here.

Utmost sensitivity
Detect and even quantify your target molecules even if they are in low oncentrations thanks to the Flash Eye Technology.

Track the sample, track the results!
Equipped with an embedded barcode reader, read barcodes, DataMatrix, or any code on virtually any medium - paper, plastic cards, mobile phones, or LCD displays.

Stand alone
Portable and lightweight, iPeak®+ is ideal for any kind of environment.

User-friendly
4.3' capacitive and intuitive screen. lt is essentially useful for non-trained professionals.

Compliance
CE marked. IUL sets out the criteria for a quality management system certified ISO 9001 and ISO 13485:2016 Medical devices - Quality management systems.

Product Overview

iPeak® expands its family with the iPeak®+, colorimetric lateral flow reader for your large cassettes, up to 7 lines in one strip and up to 5 strips in one cassette.

With the breakthrough Flash Eye Technology, iPeak®+ is the perfect match for your lateral flow tests, enhancing the colors of the strip, and removing the subjectivity of the human eye.
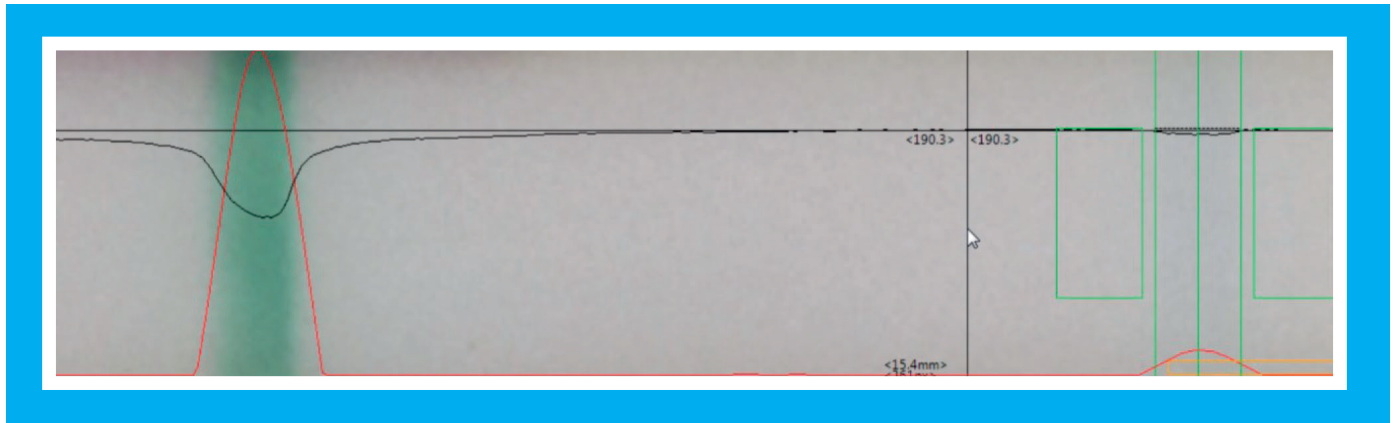
When optics matter

Point-of-care I Health & Veterinary Diagnostics I Food Safety I Drug testing I Environmental I Research

Flash Eye Technology

Flash Eye Technology is the combination of excellence in image acquisition and processing and the IUL's know-how. Flash Eye technology enhances the colors of any colorimetric lateral flow test with an outstanding dynamic range far qualitative, and quantitative assays.

iPeak®+ brings a camera that captures the image of the test illuminated from LED lights situated in the most studied geometry, delivering precise and uniform lighting. The Flash Eye Technology allows to capture the best image of the test making the sensitivity of the reader its cornerstone. Know more about this technology here.

Rapid tests available

An affordable and efficient system for an automated lateral flow reading.

The iPeak® Lateral Flow reader can help you certify your system for rapid test reading.

Nasopharyngeal tests

Respiratory Adenovirus
RSV
Influenza A+B
Strep A
Covid19 AG

Faeces TESTS

C. difficile A/B
C. difficile GDH
C. difficile GDH + A/B
Rota Adenovirus
Giardia
Crypto-Giardia-Entamoeba
Campylobacter
Norovirus
H.pylori

Urine TEST

Legionella
S. pneumoniae
Legio-Pneumo Combo
Hcg
S. pneumoniae (strips)
Individual drugs of abuse
Multiple drugs of abuse (iPeak+)

Serum /Whole blood tests

Covid19 Ac IgG/IgM

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SERVICES FOR CLINIC DIAGNOSTIC LABORATORIES

Performance and Specifications

Performance

Internal memory	16 Gb
Stored results	Results, raw, and processed images. Depending on the internal memory
Number of test lines per strip	Up to 7 lines / strip Up to 5 strips
Measurement time	15 seconds, one strip, 2 lines
Technology	Colorimetric lateral flow reader with the IUL's Flash Eye Technology camera - based
Languages	Español, English, Deutsch, Français, Italiano, Polski, العربية

Technical Specifications

Connectivity	16 Gb
Security & Exportation	HL7 v2.8 compliant. Connections https with SSL TLSv1 TLSv1.1 TLSv1.2 TLSv1.3. Authentication: transport level 2 with token key management. Also can export to an external SFTP server or directly from a slim USB
Audit Trail	HL7 v2.8 compliant. Connections https with SSL TLSv1 TLSv1.1 TLSv1.2 TLSv1.3. Authentication: transport level 2 with token key management
Sample traceability	Datamatrix, QR, and barcode
Battery	4 h autonomy
Power range	100-240 V
Frequency range	50-60 Hz
Maximum power	18 W
Air temperature	15-35oC
Relative humidity	15-75%
Place of operation	For indoor use only
Maximum dimensions of the cassette (LxWxH)	Up to 80 x 56 x 6 mm / 3.1 x 2.2 x 0.2 in
Dimensions (LxWxH)	150 x 140 x 185 mm / 5.9 x 5.5 x 7.2 in
Weight	900 g /1.98 lb
Screen	Color, capacitive, 4.3'' touchscre

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Video

Scan the QR code
and watch the video