

Supplied to you by Boule Diagnostics

CellaVision® DC-1

digital cell morphology assessment

In hematology, examination of blood films by microscopy is a routine procedure. However, performing cell differentials by manual microscopy can be laborious. CellaVision DC-1 allows you to redefine and transform your process of performing cell differentials.

CellaVision DC-1 combines high-power microscopy, digital imaging and AI-based image analysis. Through identification of the monolayer, location of individual cells, and capture of high-quality images, the analyzer provides a pre-classification of cells for convenient on-screen review.

Enhance efficiency

Automatic pre-classification of cells can help you shorten testing time, while improving resource utilization.

Promote quality

Automated microscopy testing enables standardizing the procedure to deliver more reliable and consistent results, while achieving greater level of traceability and quality control.

Improve connectivity

Connectivity facilitates collaboration between colleagues and simplifies consultation by off-site morphology experts.

Impel proficiency

Access to reference cell images provides a tool for staff training and competency development.



Specifications

Slide handling	<ul style="list-style-type: none">• Accepts slides with ground edges, clipped, round or square corners• Order ID for slides entered either manually or using an optional barcode reader• Slides are loaded one slide at a time• Analyzes slides with blood smears
Throughput	Up to 10 slides/h for a complete cell differential (100 WBC+RBC+PLT)
Slide preparation methods (wedged)	<ul style="list-style-type: none">• Automated slide makers and strainers• CellaVision SmearMaker• HemaPrep®/MiniPrep® automated blood smearing device• Manual smears
Stains	Romanowsky stains (May Grünwald Giemsa, Wright Giemsa, Wright)
Immersion oil	Manual oil dispensing
Interface ports	<ul style="list-style-type: none">• Bi-directional LIS support, ASTM• Ethernet 10/100 Mbps• Multiple DC-1 analyzers can share one database
Printout	External laser/ inkjet printers supported by Windows®
Storage capacity	Up to 1,500 slides (20 GB)
Quality control	<ul style="list-style-type: none">• Cell location accuracy test for the verification of the hardware and stain quality• Built-in smear check
Dimension (W × D × H)	280 × 390 × 370 mm
Weight	11 kg

Contact us for more information

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