



CellaVision® DM1200

The CellaVision DM1200 is designed to automate and simplify the process of performing blood and body fluid differentials. The system leverages high-speed robotics and digital imaging to automatically locate and capture high-quality images of cells. When implemented together with CellaVision applications and supporting software, the CellaVision DM1200 becomes the engine of a streamlined and automated digital cell morphology workflow, enabling laboratories to work smarter and perform better.

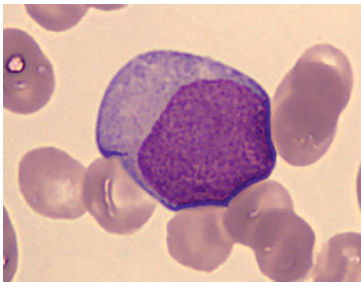
Developed to meet the needs of both big and small hematology labs:

- **Loading Capacity:** 12 slides
- **Throughput:** Approximately 20 slides / h*



Why CellaVision DM1200?

Automates analysis of WBCs, RBCs and Body Fluids and is constructed on a proven technological platform that is reliable, easy to operate and requires minimal maintenance.



Best-in-class image quality



Reliable automation



Compact bench-top design

Features:

- Automatically captures digital images of cells from blood smears and body fluid preparations
- Loading capacity of 12 slides
- Approximately 20 slides throughput per hour*
- Creates digital scan of pre-defined area of any interesting specimen

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TECHNICAL SPECIFICATIONS

SLIDE HANDLING

- Requires barcode labeled slides with clipped/round corners
- Slides are loaded into magazines with the capacity of 12 slides.
- Analyzes slides with blood smears and body fluids either batched in dedicated magazines or mixed when interfaced to a LIS

IMMERSION OIL

- Automatic dispensing
- Easy replacement of oil pack

QUALITY CONTROL

Cell location accuracy test for the verification of the hardware and stain quality

ARCHIVING OF RESULTS AND IMAGES

LAN

STORAGE CAPACITY

- Primary storage: On local hard drive up to 4,000 slides (20 GB)
- Secondary storage: Unlimited when transferred to external storage media

PRINTER SUPPORT

Laser/inkjet printers supported by Windows

COMMUNICATIONS

- Bi-directional LIS support, ASTM
- Ethernet 10/100 Mbps
- Multiple CellaVision DM analyzers can share a database
- E-mail

SYSTEM COMPONENTS

- Slide Scanning Unit
- CellaVision DM Software
- System Computer with Windows

ELECTRONICAL SPECIFICATIONS

- Voltage input: 100 to 240 VAC
- **Current input:**
- System computer: 1.4 to 0.7 A
- Slide scanning unit: 0.6 to 0.3 A

CLEARANCE

CE, 510(k)

SIZE (Width x Depth x Height)

- 576 × 490 × 710 mm
- 22.7 × 19.3 × 28.0 inches

WEIGHT

80 kg / 176 lbs

THROUGHPUT*

Peripheral Blood:

- Up to 20 slides/h for complete differential (100 WBC+RBC+PLT)

Digital Slides:

- Up to 20 slides/h for 10 × 10 mm in 10x
- Up to 1,5 slides/h for 10 × 10 mm in 10x + 50x
- **Body Fluids (based on 6 mm sample area):**
- Up to 15 slides/h for differential (100 WBCs + 10x)
- Up to 3 slides/h for differential (100 WBCs + 10x + 50x)

OPTIONAL SOFTWARE / APPLICATIONS

- CellaVision® Advanced RBC Application
- CellaVision® Body Fluid Application
- CellaVision® Remote Review Software
- CellaVision® Server Software
- CellaVision® Proficiency Software

ACCESSORIES

- CellaVision Immersion Oil Pack
- Barcode labeled slide magazines
- QC barcode labels
- Light tower
- Label printer kit

* Processing time may vary depending on smear quality, WBC concentration and number of non-WBCs. Specifications are subject to change without notice. This product may not be available in all markets.