



## CellaVision® DM9600

CellaVision DM9600 is designed to automate and simplify the process of performing peripheral 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, CellaVision DM9600 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 big labs with high-volume testing requirements.



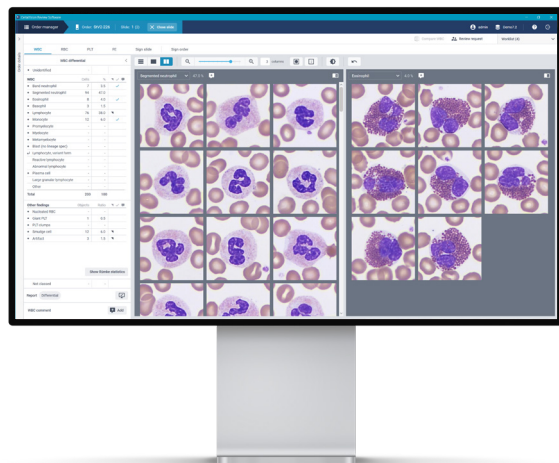
### Features

**Automatically captures digital images of cells** from peripheral blood smears and body fluid preparations

**Loading capacity of 96 slides**, with mechanism for continuous feed

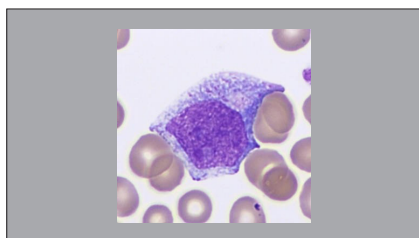
**Approximately 30 slides** throughput per hour\*

**Enables digital scan of pre-defined area** of any interesting specimen



## Why CellaVision DM9600?

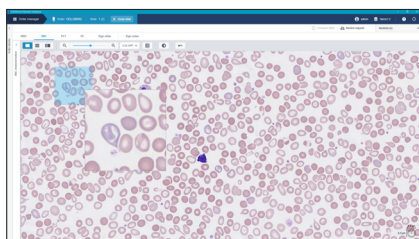
- Automates analysis of Body Fluids, WBCs, RBCs including an overview of the feathered edge
- Constructed on a proven technological platform that is reliable, easy to operate and requires minimal maintenance



Single cell image



RBC overview



RBC zoom



Feathered edge view

## CellaVision® DM9600

## Technical Specifications

### SLIDE HANDLING

- Requires barcode labeled slides with clipped/round corners
- Slides are loaded into magazines with the capacity of 12 slides. Fits eight magazines.
- Analyzes slides with peripheral 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

- Printers supported by Windows

### COMMUNICATIONS

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

### 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)

- 580 × 560 × 790 mm
- 22.8 × 22 × 31,1 inches

### WEIGHT

- 93 kg / 205 lbs

### THROUGHPUT\*

#### Peripheral Blood:

- Up to 30 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® Review Software
- CellaVision® Server Software
- CellaVision® Proficiency Software
- CellaVision® Scanner Application
- Database Query

### ACCESSORIES

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

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