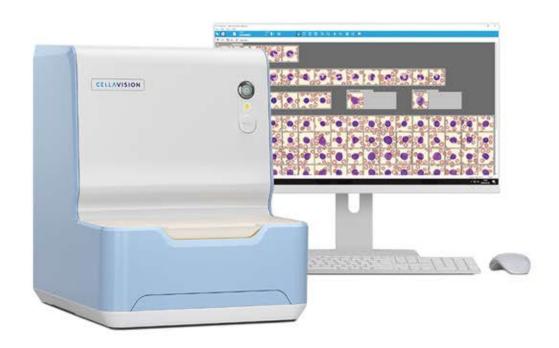
## CellaVision® DC-1

### **Digital Cell Morphology System**



## AUTOMATE & SIMPLIFY BLOOD CELL DIFFERENTIALS.



# CellaVision® DC-1 Digital Cell Morphology System

The CellaVision DC-1 is designed to automate and simplify the process of performing blood cell differentials in low-volume laboratories. The system leverages high-speed robotics and digital imaging to automatically locate and capture high quality images of cells.

#### **FEATURES**

- Capture digital images of cells from blood smears
- Automate the analysis of WBCs, RBCs and PLTs
- Create digital scans of any interesting specimen
- Compact design with small footprint



#### **Slide Handling**

- 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 at a time
- · Analyses slides with blood smears

#### **Immersion Oil**

· Manual oil dispensing

#### **Quality Control**

- Cell location accuracy test for the verification of hardware and stain quality
- Built-in smear check

#### **Archiving of Results & Images**

Utilising LAN

#### **Storage Capacity**

- Primary Storage: On local hard drive up to 1,500 slides (20GB)
- 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/DC analysers can share a database

#### **System Components**

- Slide Scanning Unit with integrated PC and Windows 10 embedded
- CellaVision® DM Software

#### **Electronical Specifications**

#### Analyser:

- Voltage input 12 VDC
- Current input 7 ADC

#### **Power Supply:**

- Voltage input, power supply 100-240 V
- Voltage frequency, power supply 50-60Hz
- Current input 1.2-0.6 A

#### **Dimensions/Weight**

- Width 280 mm
- Depth 390 mm
- Height 370 mm
- Weight 11kg

#### Throughput\*

\*NOTE: Processing time may vary depending on smear quality, WBC concentration & number of non-WBCs

 Up to 10 slides/hour for complete differential (100 WBC+RBC+PLT)

#### **Slide Preparation Methods (Wedged)**

- Automated slide makers & stainers
- CellaVision® SmearMaker
- HemaPrep® / MiniPrep® automated blood smearing device
- Manual smears

#### **Stains**

 Romanowsky stains (May Grünwald Giemsa, Wright Giemsa, Wright)

#### **Optional Software/Aplications**

- CellaVision® Remote Review Software
- CellaVision® Server Software
- CellaVision® Proficiency Software

UK

• CellaVision® Dashboard









Laboratory Diagnostics





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"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"

