Specifications

PERFORMANCE SPECIFICATIONS
- High performance imaging (digital)
- Wide dynamic range and contrast
- Advanced image processing and analysis
- Microfluidic control

Dimensions
- 300x300x200 mm (WxDxH)
- 20 kg (Approximate weight)

Input/Output
- USB 2.0 (up to 4)
- Ethernet (RJ45)
- Wi-Fi (Optional)

Memory
- 4 GB RAM (Minimum)
- 128 GB SSD (Minimum)

Power Supply
- 120-240 V AC
- 50-60 Hz

Environmental
- Temperature: 10-30°C
- Humidity: 20-80% (non-condensing)

INSTRUMENT SPECIFICATIONS

CellAvision® DM1200
Cell Image Analysis System

Designed for the Mid-Volume Lab

CELLAVISION® DM1200
Cell Image Analysis System

Designed for the Mid-Volume Lab

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System Overview

CellaVision DM1200 can easily become a part of any hematology workflow.

Efficiency, Proficiency & Collaboration

The CellaVision DM1200 offers a high degree of automation, allowing for an exciting workload without increasing labor. This technology delivers improved ergonomics when compared to using a microscope. It also allows for more effective, on-going education and competency assessment of all medical technologists.

Key Benefits:

- Automatically concise and presents images of cells on blood smear
- Differential count of white blood cells
- Characterization of red blood cells, morphology and platelet estimation
- Automation workflow
- Reduces the time consumed on smear review, allowing technologists more opportunity for other tasks
- Streamlines collaboration with radiologist services to provide patient diagnosis information
- Enables training and morphological standardization
- Enhances training/monitoring for staff throughout the workgroup by utilizing large, customizable, content reference libraries and optional competency software
- Stores a user-defined part of a microscope slide
- Allows for discussion between physicians regardless of physical distance
- Regions of interest on the slide can be tagged and comments can be added. Images and comments can be exported to presentations and educational materials.

Share Results Anywhere

The CellaVision DM1200 can share a database with other CellaVision DM analyzers installed at the same facility or a remote location. This allows integrated delivery networks to flexibly utilize remote staffing and expertise for both morphological and pathological reviews.

The DM1200 supports bi-directional LAN communication, which reduces the potential for transcription errors and streamlines the reporting of results.

Efficiency, Proficiency, Collaboration

DM1200 Efficiency and Proficiency

The DM1200 can reduce the time spent performing differential or training new technologists. With the optional Competency Software Package, managers can set-up users to test and document the proficiency of their staff.

DM1200 offers a high degree of automation
- Optimized Workload Management
- Reduced Turnaround
- Ongoing Education
- Competency Assessment

DM1200 Collaboration

Functional Access Stations enable simultaneous review, interview-like comparison, pathology consultation, and real-time collaboration with clinicians through network integration.

Facilitate Collaboration with Clinicians
- Provides pertinent clinical information
- Enables remote consultation
- Tags specific areas of slides to enable sharing
System Overview

**CellaVision DM1200 can easily become a part of any hematology workflow.**

**Efficiency, Proficiency & Collaboration**

The CellaVision DM1200 offers a high degree of automation, allowing for an escalating workload without increasing labor. This technology delivers improved ergonomics when compared to using a microscope. It also allows for more effective, ongoing education and competency assessment of all medical technologists.

**Key Benefits:**
- Automatically locates and presents images of cells or blood smear.
- Differential count of white blood cells.
- Characterization of red blood cell morphology and patient estimation.
- Automates workflow.
- Reduces the time consumed in smear review, allowing technicians more opportunity for other tasks.
- Strengthened collaboration with pediatric services to provide prompt diagnosis information.
- Enables training and morphological standardization.
- Enhances training/teaching sessions for staff throughout the laboratory by utilizing large, customizable, evidence-based reference libraries and optional competency software.
- Scans a user-defined part of a microscope slide.
- Allows for discussion between physicians regardless of their physical location.
- Regions of interest on the slide can be tagged and comments can be added. Images and comments can be exported to presentations and educational materials.

**Share Results Anywhere**

The CellaVision DM1200 can share a database with other CellaVision DM analyzers installed at the same facility or a remote location. This allows integrated delivery networks to flexibly utilize remote staffing and expertise for both morphological and pathological reviews.

**DM1200 Efficiency and Proficiency**

The DM1200 can reduce the time spent performing differential or training new technologists. With the optional Competency Software Package, managers can set up users to test and document the proficiency of their staff.

**DM1200 Collaboration**

Functions allow stations outside laboratory review, interlaboratory comparison, pathology consultation, and real-time collaboration with clinicians through network integration.

- Provides pertinent clinical information.
- Enables remote consultation.
- Tags specific areas of slides to enable sharing.
System Overview

CellaVision DM1200 can easily become a part of any hematology workflow.

Efficiency, Proficiency & Collaboration

The CellaVision DM1200 offers a high degree of automation, allowing for an excelling workflow without increasing labor. This technology delivers improved ergonomics when compared to using a microscope. It also allows for more effective, on-going education and competency assessment of all medical technologists.

Key Benefits:
- Automatically locates and presents images of cells on blood smear
- Differential count of white blood cells
- Characterization of red blood cells: morphology and platelet estimation
- Automates workflow
- Reduces the time consumed on smear review, allowing technologists more opportunity for other tasks
- Streamlines collaboration with medical services to provide prompt diagnosis information
- Enables training and morphological standardization
- Enhances training/on-site training for staff throughout the laboratory by utilizing large, customizable, cloud-based reference libraries and optional competency software
- Scans a user-defined part of a microscope slide
- Allows for discussion between physicians regardless of their location
- Regions of interest on the slide can be tagged and comments can be added. Images and comments can be exported to presentations and educational materials
## PERFORMANCE SPECIFICATIONS

- **Micropreparation methods (with)**: Automated slide maker on an extractor, Automated slide maker on a manual device, Automated slide maker on a manual device.
- **Software**: Cellavision Software, Wright-Giemsa, Wright-Giemsa, Wright-Giemsa, Wright-Giemsa.
- **Number of Cells Counted (max)**: Cellavision Software (Max 9999)
- **Object handling**: High-capacity, high-efficiency, high-precision, high-speed, high-volume.
- **Slide/slide holder**: High-capacity, high-efficiency, high-precision, high-speed, high-volume.
- **Flux Capacity**: 600 slides per hour.
- **Image Size**: 7.2 inch / 18 cm, 5 inch / 13 cm, 3 inch / 8 cm, 1 inch / 2.5 cm.
- **Image quality**: High-definition, high-resolution, high-contrast, high-color fidelity.
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- **Image size**: High-definition, high-resolution, high-contrast, high-color fidelity.

## INSTRUMENT SPECIFICATIONS

- **Power supply**: Universal power supply, 115V-240V.
- **Operating system**: All major operating systems.
- **Operation mode**: Touchscreen, manual.
- **Power consumption**: 400W (max).
- **Weight**: 30 kg (max).
- **Dimensions**: 1200 mm x 800 mm x 700 mm.
- **Accessories**: Includes software, manual, and training.
- **Service**: Warranty included, maintenance contracts available.
- **Software**: Cellavision Software, Wright-Giemsa, Wright-Giemsa, Wright-Giemsa, Wright-Giemsa.