



ProCyt[®] One™ Hematology Analyzer

Accuracy made simple. Results you can trust.



The simplest way to get a trusted CBC in-house

The in-clinic ProCytel One™ Hematology Analyzer is packed with revolutionary technology to provide consistent reference laboratory-quality results with unprecedented simplicity and efficiency.

Accurate results

Advanced HD laser cell characterization delivers accurate reference laboratory-quality results, which are supported with dot plots that provide a visual representation of the complete blood count (CBC).

Fast, effortless operations

Innovations, such as our SmartQC™ automatic quality control and load-and-go components, simplify your workflow to deliver accurate results in under 5 minutes.

Integrated tools and expert support

Only IDEXX offers an integrated platform of advanced technology, tools, and expert resources to help you interpret results and determine next steps.

Expense and inventory management made easy

Pay only for the tests you run and get automatic shipment of supplies to streamline costs and inventory management.

Dimensions and weight

Width: 11.4 in (29.0 cm)


Depth: 15.3 in (38.9 cm)

Height: 14.1 in (35.8 cm)

Weight: 22 lb (10 kg)





The background of the slide features a teal-to-white gradient. Overlaid on this are numerous semi-transparent, stylized red blood cells. These cells are depicted as biconcave discs with a darker teal center and a lighter teal outer ring, giving them a three-dimensional appearance. They are scattered across the entire frame, with a higher density on the left side where the teal is darker.

Innovative technology delivers accurate CBC results in 5 minutes or less

Cell classification in 5 dimensions

Sophisticated sensors detect information from different angles to increase the accuracy of cell characterization.

Fewer questions caused by clumped platelets

Advanced HD laser cell characterization examines each cell individually, so clumped platelets don't interfere with white blood cell counts.

Automatic onboard quality control

Proprietary SmartQC™ and software powered by IDEXX SmartService™ Solutions make sure the system is functioning properly, behind the scenes, without human intervention.

A comprehensive CBC is the key to better outcomes

Hematology is one of the cornerstones of a complete diagnostic workup. A complete blood count (CBC) is an important component of the diagnostic picture that should be performed as both a screening test in animals that present for preventive care and as part of the comprehensive workup in sick patient examinations. Changes seen on a CBC are sensitive markers of deviation from health and can assist a practitioner in determining if an underlying disease process is present before it becomes clinically evident. Subtle changes in the CBC may precede clinical signs of disease or changes in other laboratory tests.

A five-part differential with an absolute reticulocyte count*

Red blood cell parameters

Red blood cell (RBC) count
Hematocrit (HCT)
Hemoglobin (HGB)
Mean cell volume (MCV)
Mean corpuscular hemoglobin (MCH)
Mean corpuscular hemoglobin concentration (MCHC)
Red blood cell distribution width (RDW)
Reticulocytes (RETIC; % and #)

White blood cell parameters

White blood cell (WBC) count
Neutrophils (NEU; % and #)
Lymphocytes (LYM; % and #)
Monocytes (MONO; % and #)
Eosinophils (EOS; % and #)
Basophils (BASO; % and #)

Platelet parameters

Platelet (PLT) count
Platelet distribution width (PDW)
Mean platelet volume (MPV)
Plateletcrit (PCT)

*Reported parameters may vary according to species (feline, canine, and equine).



Fast, effortless operation

Deliver accurate CBC results in minutes, without the time-consuming prep, and maintenance.

Plug-and-play components

Self-contained reagent packs and sheath kits make setup (and replacement) a snap. Load and go in seconds.

Multiple tube types supported

Supports most tube types and sample sizes, including pediatric, for greater flexibility.

Smart camera saves time, ensures quality

The onboard camera analyzes tube size and cap type to ensure proper sample draw. It also automatically scans the QR code on the packs to check expiration date and other important information. No manual barcode scanning or interaction required.



Say hello to your new workflow



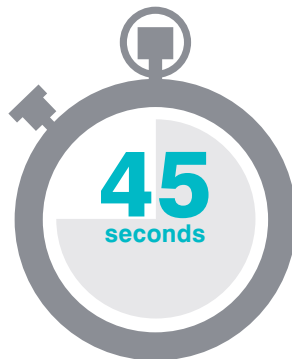
Load the sample tube



Close the door



Push the button



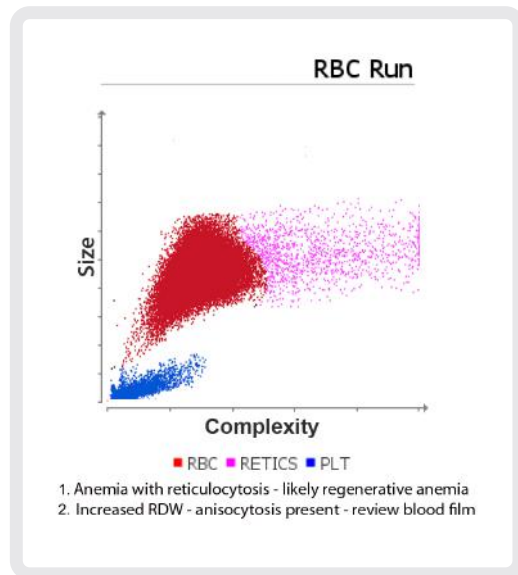
**Sample tube available for other
diagnostic tests**



Results are ready

Make your best clinical decisions with **expert tools and resources** from **IDEXX**

Only IDEXX offers an integrated platform of advanced technology, tools, and experts to help you interpret results and determine next steps.



Identify patterns in CBC results with interpretive aids

Proprietary algorithms provide insights and guidance for interpreting patient results and are automatically included in integrated reports via IDEXX VetLab® Station and VetConnect® PLUS.

Get a 360-degree view of your patient's data

Integrated patient diagnostics ensure complete case management from your smartphone, tablet, browser, or practice management system.

View and trend graphical dot plot data

Dot plots provide a quick, visual representation of each patient CBC. Dot plots are available on both desktop and mobile devices.

More expertise.
More support.
More confidence.

Customer support

More live support dedicated to answering your questions 24/7



Veterinary Diagnostic Consultants

More visits and personalized support



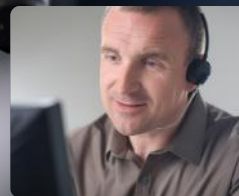
Professional Service Veterinarians

More personalized on-site medical consultations and education



Field Support Representatives

More step-by-step guidance and on-site training to optimize your workflow

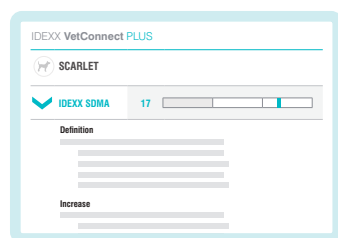


Medical consultants

More direct live access and personalized medical consultation

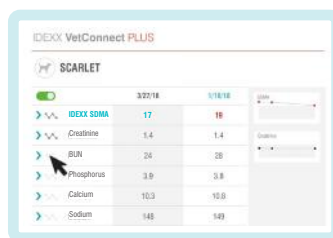
Make VetConnect PLUS your go-to diagnostic resource for efficiency and flexibility

VetConnect® PLUS is the online tool that offers the features you need for fast, effective clinical decision-making.



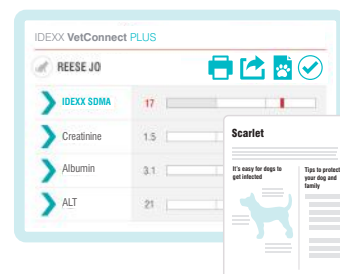
Access differential diagnoses to help interpret results and determine next steps

Click to view guidance from IDEXX board-certified specialists using the latest industry protocols, research, and publications.



Spot trends and abnormalities with at-a-glance patient historical results

Easily compare results side-by-side or graph patient historical results for visual trend analyses.



Improve client communications and increase compliance

Share diagnostic results and personalized client-friendly summaries with one click.

Manage patient diagnostics from your smartphone, tablet, browser, or practice management system





To activate your VetConnect® PLUS account, please call **1-800-667-3411**.
Sign in at **vetconnectplus.ca**.

Mobile app available for iPhone® and Android™ devices

Strengthen the bonds.®

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