

IDEXX inVue Dx* Cellular Analyzer

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IDEXX

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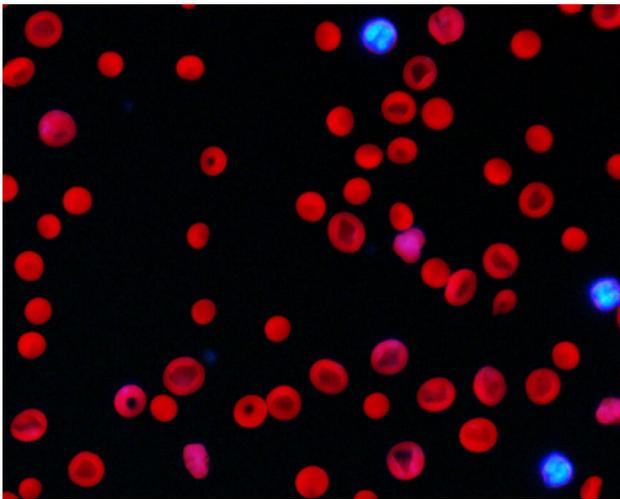
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About the IDEXX inVue Dx Cellular Analyzer

Intended use

The IDEXX inVue Dx* Cellular Analyzer performs pathologist-level cellular analysis and blood morphology testing for canines and felines in just 10 minutes, in-house, without the use of slides.

The analyzer employs artificial intelligence (AI) to derive diagnostic information. The AI, guided by a team of IDEXX data scientists and board-certified clinical pathologists, is comprised of machine-learning models trained on image data from patient samples run on the IDEXX inVue Dx analyzer. The algorithms analyze the cells in their native state and produce objective, quantitative, and reproducible results with reference laboratory-level accuracy.



Analyzer benefits

- + Slide-free, load-and-go workflow frees nurse/technician time. Prepare the sample, add reagent, and insert into the analyzer; read results in 10 minutes.
- + Enhance accuracy by eliminating manual slide preparation that can produce artifacts leading to misinterpretation.
- + Get diagnostic results during the patient visit to support quick diagnostic decisions.
- + Follow up on CBC results from your in-house hematology analyzer (such as the ProCyte One* Hematology Analyzer or ProCyte Dx* Hematology Analyzer) with morphological analysis.

How the analyzer works

The IDEXX inVue Dx Cellular Analyzer uses a high-speed camera to take hundreds of pictures of cells in, around, and through a sample while illuminating the sample with multiple wavelengths of fluorescent and other bright light to capture the unique elements of each cell.

An algorithm trained by IDEXX pathologists analyzes and interprets the images to deliver objective, quantitative, and reproducible pathology results in 10 minutes for ear cytology and blood morphology samples.

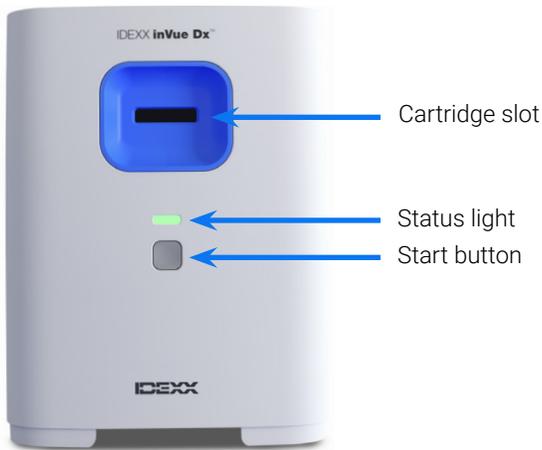
The analyzer connects to the IDEXX VetLab* Station through the IDEXX VetLab* router/switch. From the IDEXX VetLab Station, you can choose patients, start sample runs, read results, and run reports. If your IDEXX VetLab Station is integrated with your practice management system, analyzer results are automatically returned to the patient record and all charges captured.

Analyzer components

Front and sides of analyzer

The front of the analyzer includes the cartridge slot where samples are inserted for analysis, as well as a status light and a Start button.

The sides of the analyzer have concave cutouts used to remove the front cover for interior cleaning. See [Maintaining the analyzer](#) for more information.



Cartridge slot

Status light

Start button

Front of analyzer



Cutout used to remove front cover

Side of analyzer

Top and rear of analyzer

The top of the analyzer doubles as a QuickPrep surface, with slots to hold two sample tubes and one cartridge. The rear of the analyzer contains connection ports for a router/switch cable and power cord.



QuickPrep surface with:
Two sample tube slots (A)
One cartridge slot (B)

Top of analyzer



Ports

Rear of analyzer

Analyzer status

The color of the status light on the front of the IDEXX inVue Dx analyzer indicates the analyzer state:

LED color	Description
Green	Available for analysis
Green and blinking	Low-power mode
Yellow	In process
Yellow and blinking	Sample run initiated and ready for a cartridge
Red	Error

Compatible species

The IDEXX inVue Dx analyzer has been validated on canine and feline ear and blood samples.

IDEXX inVue Dx kits

IDEXX proactively monitors your usage of IDEXX inVue Dx kits via your IDEXX SmartService* Solutions connection and will send you more automatically when your inventory is low.†

IDEXX inVue Dx* Ear Cytology QuickPrep Kit

Indications for use

The IDEXX inVue Dx Ear Cytology QuickPrep Kit is used in conjunction with the IDEXX inVue Dx Cellular Analyzer to provide semiquantitative results for yeast and bacteria (rods/cocci) and the indication of the presence or absence of white blood cells and mites in canine/feline ear swab samples.



Each kit contains

- + Two, 0.5 mL ear cytology sample tubes (one for each ear)
- + Two, 4 mg ear cytology reagent caps (containing custom dried reagent)
- + One ear cytology cartridge (with two ports and two channels)

Storage information

Store at room temperature: 15°C–30°C (59°F–86°F)

How to use

See [Analyzing ear swab samples](#) for handling information and detailed instructions for use.

IDEXX inVue Dx* Blood Morphology QuickPrep Kit

Indications for use

The IDEXX inVue Dx Blood Morphology QuickPrep Kit is used in conjunction with the IDEXX inVue Dx Cellular Analyzer to provide automated morphologic assessment of RBC, WBC, and PLT cell types in canine/feline whole blood samples.



Each kit contains

- + One, 1.7 mL blood morphology sample tube
- + One, 3 mg blood morphology reagent cap (containing custom dried reagent)
- + One blood morphology cartridge (with one port and two channels)

Storage information

- + Store at room temperature: 15°C–30°C (59°F–86°F)

How to use

See [Analyzing blood samples](#) for handling information and detailed instructions for use.

†Not available in all regions.

IDEXX inVue Dx accessories

Need a replacement pipettor or more pipette tips? Order at IDEXX Online Orders or call IDEXX Customer and Technical Support.

IDEXX inVue Dx* 20 µL Pipettor

- + One 20 µL pipettor is provided with your IDEXX inVue Dx analyzer purchase and is intended for 1,000 runs or one year of use, whichever comes first.

20 µL Pipette Tips

- + To be used with the IDEXX inVue Dx 20 µL Pipettor.

Analyzing samples

Analyzing ear swab samples

IMPORTANT:

- + Always use fresh ear-swab samples and a fresh IDEXX inVue Dx* Ear Cytology QuickPrep Kit.
- + The reagent in the reagent caps are light-sensitive. **Do not remove the reagent caps from the foil pouch** until you are ready to prepare and run the samples. Once the foil pouch is opened, reagent caps must be used within 8 hours if their foil seal is intact or within 10 minutes if their foil seal has been removed.
- + IDEXX recommends always running two samples (one from each ear) and will display a message when only one sample is detected in the cartridge. If you choose to run only one sample, discard the remaining sample tube, reagent cap, and the partially used cartridge—do not save them for later use.

To analyze ear swab samples:

1. Initiate the sample run on the IDEXX VetLab* Station (for more information, see the *IDEXX VetLab Station Operator's Guide*).
2. When prompted, confirm the patient details are correct, select a reason for testing, tap **inVue Dx**, and then select **Ear Swab**. Then, select the checkbox if the patient shows signs of otitis (e.g., discomfort, odor, redness, or discharge).
3. Tap **Run**. The analyzer begins its initialization procedure and the status light on the front of the analyzer blinks yellow.
4. Remove the ear cytology kit contents from the packaging and place the tubes and cartridge into the applicable indentations on the top of the analyzer.
5. Prepare the sample:

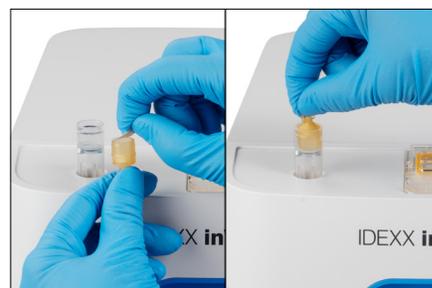


- a. Pull to remove the foil seal from a sample tube.

Note: Ear cytology sample tubes intentionally have a much smaller amount of diluent than blood morphology sample tubes.



- b. Insert the left swab into the tube and swirl the swab while pushing it against the ribs inside. Squeeze the tube while swirling. Withdraw the swab, squeezing to extract the most liquid.



- c. Pull to remove the foil seal from the reagent cap and push the cap (flat end down, tabbed end up) firmly onto the tube until the cap is flush with the tube top.



- d. Invert the tube 5 times to mix.



- e. Twist off the cap tab and dispense the entire tube of solution into the applicable cartridge port (left or right). Air gaps and volume differences from sample to sample are normal and acceptable.

6. Repeat step 5 for the other ear swab, using sample tube, reagent cap, and cartridge port.
7. Insert the cartridge into the slot on the front of the analyzer until you feel it click into place.
8. Press the **Start** button on the front of the analyzer. The cartridge is then pulled into the analyzer. Analysis takes approximately 10 minutes. When the analysis is complete, the cartridge is partially ejected outside the analyzer.
9. Remove the used cartridge and discard it and the other materials per your local disposal regulations.



Analyzing blood samples

IMPORTANT:

- + IDEXX highly recommends pairing a hematology analysis (CBC) with IDEXX inVue Dx blood morphology for greater insight. If the CBC was run on the **same sample** within 8 hours of the IDEXX inVue Dx analysis, you can use the results for the patient. Otherwise, run a CBC on the **same sample** at the same time you run the IDEXX inVue Dx analysis.
- + Always use fresh, mixed whole blood at room temperature in an EDTA tube with the IDEXX inVue Dx* Blood Morphology QuickPrep Kit. Ideally, samples should be less than 4 hours old and never more than 8 hours.
- + The stains in the reagent caps are light-sensitive. **Do not remove the reagent caps from the foil pouch** until you are ready to prepare and run the samples. Once the foil pouch is opened, reagent caps must be used within 8 hours if their foil seal is intact or within 10 minutes if their foil seal has been removed.

To analyze blood samples:

1. Initiate the sample run on the IDEXX VetLab Station (for more information, see the *IDEXX VetLab Station Operator's Guide*).
Note: To add IDEXX inVue Dx results to existing hematology results, tap **Records Search**, search for and select the desired patient record, tap **Add Test**, and then tap **Append**.
2. When prompted, confirm the patient details are correct, select a reason for testing, tap **inVue Dx**, and then select **Blood**.
3. To enhance a CBC with your IDEXX inVue Dx analyzer results, select the applicable on-screen option:
 - + **Recommended:** To run an IDEXX inVue Dx run in parallel with a ProCyte One* Hematology Analyzer or ProCyte Dx* Hematology Analyzer run, tap **Run ProCyte with IDEXX inVue Dx**. Your ProCyte One/ProCyte Dx analyzer will automatically be selected for analysis (or, if you have more than one ProCyte analyzer, choose the desired analyzer when prompted).
 - + To run an IDEXX inVue Dx run with ProCyte One/ProCyte Dx analyzer results captured in the previous 8 hours, tap **Import previous results**, select the applicable results, and then tap **Save**.
Note: You can also perform this action by adding a test to the previous run.
 - + To run an IDEXX inVue Dx run with other CBC results, tap **Enter CBC values**; enter the RBC, Hematocrit, and WBC values where applicable; and then tap **Save**.
 Otherwise, tap **Skip**.
4. Tap **Run**. The analyzer begins its initialization procedure and the status light on the front of the analyzer blinks yellow.
5. Remove the blood morphology kit contents from the packaging and place the tube and cartridge into the applicable

indentations on the top of the analyzer.

6. Prepare the sample:



a. Pull to remove the foil seal from the sample tube.

Note: Blood morphology sample tubes intentionally have a much larger amount of diluent than ear cytology sample tubes.

b. Invert your EDTA collection tube 10 times. Then immediately use the first stop on the IDEXX inVue Dx* Pipettor to draw 20 μ L of the mixed EDTA sample and use the second stop to dispense it into the sample tube, touching the tip on the inside of the sample tube to ensure all sample is dispensed.

Notes:

- + It is common for there to be some blood left in the pipette tip after dispensing (it is not necessary to flush the pipettor with diluent).
- + For best results, draw the sample from the middle of the collection tube.

c. Pull to remove the foil seal from the reagent cap and push the cap (flat end down, tabbed end up) firmly onto the sample tube until the cap is flush with the tube top.



d. Invert the tube 5 times to mix.

IMPORTANT: Always mix the dilution, even if the collection tube was previously on a rocker.

e. Twist off the cap tab and dispense 6 drops of the solution into the cartridge port. The solution in the chambers may appear very pale in color.

7. Insert the cartridge into the slot on the front of the analyzer until you feel it click into place.

8. Press the **Start** button on the front of the analyzer. The cartridge is then pulled into the analyzer. Analysis takes approximately 10 minutes. When the analysis is complete, the cartridge is partially ejected outside the analyzer.

9. Remove the used cartridge and discard it and the other materials per your local



disposal regulations.

Canceling a run

Need to cancel a run after it's already in process? Find the applicable patient in the In Process list, tap the **inVue Dx** icon, and select **Cancel Run**.

Note: Cartridges cannot be reused.

Viewing patient results

Analyzer results are automatically returned to the IDEXX VetLab Station and recorded in the appropriate patient's record. The diagnostic results report is a comprehensive report of all the test results specified in a laboratory request for that patient on a specific day.

Patient test results can be printed automatically each time a set of results are returned or you can manually print the results when needed.

For more information about how to view and print test results, see the *IDEXX VetLab Station Operator's Guide*.

Customizing the patient results report

Want to include an IDEXX inVue Dx image on each patient report? Tap the **inVue Dx** icon on the IDEXX VetLab Station Home screen, tap **Settings**, and then select the option to **Automatically include IDEXX inVue Dx image on report**.

Maintaining the analyzer

Weekly maintenance

Restarting the analyzer

IDEXX recommends restarting the analyzer once per week. This process takes less than 5 minutes.

1. Tap the **inVue Dx** icon on the IDEXX VetLab Station Home screen.
2. Tap **Power Down**. A confirmation message appears.
3. Tap **Restart**. The status light will go dark, indicating that the analyzer has powered off. The status light will turn yellow again, and the analyzer will complete the initialization procedure. During initialization, the icon on the IDEXX VetLab* Station will display the yellow busy status.

The analyzer is available for use when the status light on the front of the analyzer turns green and the icon on the IDEXX VetLab Station Home screen appears with a green ready status.

As-needed maintenance

Upgrading the software

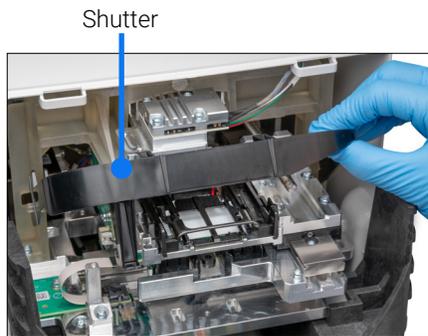
As new features and functionality are added to the analyzer, you will receive software upgrades from IDEXX. These upgrades will be sent automatically to your analyzer via your IDEXX SmartService* Solutions connection. You will receive a confirmation message once the upgrade process is completed.

Cleaning the cartridge holder

1. **IMPORTANT:** Ensure that a cartridge is not in the cartridge slot on the front of the analyzer.
2. Tap the **inVue Dx** icon at the top of the IDEXX VetLab Station Home screen.
3. Tap **Diagnostics**.
4. Tap **Sample Cartridge** from the list of maintenance operations.
5. At the analyzer:



- a. Remove the front cover by placing your fingers in the cutouts on both sides of the analyzer, pulling outward and upward, and then unhinging the cover at the top.



- b. Lift the shutter until it locks into the raised position.



- c. Using an alcohol prep pad, wipe the black, rectangular cartridge holder and the small metal crossbars at the bottom of the holder, removing any debris.



d. Gently push the shutter back down so it touches the front of the cartridge holder.

e. Replace the front cover by inserting the top tabs into the corresponding slots at the top of the analyzer until the cover and analyzer edges are touching. Then, press the bottom of the cover down until it snaps into place.

The status light on the front of the analyzer turns yellow and then green, and the inVue Dx icon on the Home screen returns to the green ready state. The analyzer is now ready to use.

Cleaning the case

Dust and animal hair can lead to analyzer failures. Be sure to:

- + Routinely dust the analyzer and surrounding surfaces with a damp lint-free cloth.
- + Clean the outside of the analyzer with a damp (not wet) lint-free cloth. You can use a mild disinfectant or liquid soap to remove grease.
- + Take care not to spill any samples, chemicals, water, or other fluids on/in the analyzer.
IMPORTANT: Do not use any of the following near the analyzer: organic solvents, ammonia-based cleaners, ink markers, sprays containing volatile liquids, insecticides, polish, or room freshener.

Running quality control

Once per week, the IDEXX inVue Dx analyzer performs automatic quality control analysis to ensure optimal system performance. In the event you wish to perform additional quality control on the analyzer, you can do so using the steps below.

Note: The quality control procedure below takes less than 5 minutes.

1. Tap the **inVue Dx** icon on the IDEXX VetLab Station Home screen.
2. Tap **Quality Control**.
3. On the IDEXX inVue Dx Instruments screen, tap **Run QC**. The quality control process begins. When the QC process is complete, results will appear on the IDEXX inVue Dx Instruments screen, along with the corresponding run time. If the QC process fails, tap **Run QC** again to rerun the QC procedure. If the second attempt fails as well, please clean the cartridge holder. If the problem persists, please contact IDEXX Customer and Technical Support.
4. To view/print quality control reports for a specific date range, tap **Quality Control** on the IDEXX inVue Dx Instruments screen, tap **View QC Results**, specify your desired date range, and then tap **Print**.

Troubleshooting

Responding to an alert

If the analyzer experiences a problem, the status light on the front of the analyzer turns red, an alert icon flashes on the upper-right side of the IDEXX VetLab* Station title bar, and the analyzer icons on the IDEXX VetLab Station appear with an Alert status.

To view the alert, tap the analyzer or alert icon and follow the on-screen instructions to resolve the issue.

Fixing a cartridge jam

If a cartridge becomes jammed inside the analyzer and cannot be ejected, an error message appears on the IDEXX VetLab Station. To resolve the issue:

1. **IMPORTANT:** Ensure that a cartridge is not in the cartridge slot on the front of the analyzer.
2. Tap the **inVue Dx** icon on the IDEXX VetLab Station Home screen, tap **Diagnostics**, and then tap **Eject Cartridge**.
3. If the cartridge did not eject from the analyzer in step 2, follow these steps:



a. Remove the front cover by placing your fingers in the cutouts on both sides of the analyzer, pulling outward and upward, and then unhinging the cover at the top.



b. Lift the shutter until it locks into the raised position.



c. Carefully remove the jammed cartridge from the cartridge holder and discard. Do not reuse the cartridge.



d. Gently push the shutter back down so it touches the front of the cartridge holder.



e. Replace the front cover by inserting the top tabs into the corresponding slots at the top of the analyzer until the cover and analyzer edges are touching. Then, press the bottom of the cover down until it snaps into place.

The status light on the front of the analyzer turns yellow and then green, and the inVue Dx icon on the Home screen returns to the green ready state. The analyzer is now ready to use.

Returning the analyzer to a Ready state in the event of a system problem

If there's an issue with the analyzer that is keeping it from returning to a ready state, follow these steps:

1. Tap the **inVue Dx** icon on the IDEXX VetLab Station Home screen.
2. Tap **Initialize**. The analyzer is available for use when the status light on the front of the analyzer turns green and the icon on the IDEXX VetLab Station Home screen appears with a green ready status.
3. If the problem persists, tap **Power Down** and then tap **Restart** on the confirmation message. If the problem continues to persist after initializing and restarting, contact IDEXX Customer and Technical Support.

Shutting down the analyzer

In the infrequent event that you need to shut down the analyzer (e.g., during a severe electrical storm or when you need to move the analyzer to a new location), follow these steps.

To shut down the analyzer:

1. Tap the **inVue Dx** icon on the IDEXX VetLab Station Home screen.
2. Tap **Power Down** and then confirm that you want to power down the analyzer.
3. When the status light on the front of the analyzer is gray, indicating there's no power to the analyzer, unplug the power cable from the electrical outlet.

To restart the analyzer:

1. Ensure that the power supply is connected to the analyzer and that the power cable is connected to the power supply.
2. Plug the power cable into an electrical outlet. The analyzer will power on automatically.

The analyzer is ready to use when the status light on the front of the analyzer turns green and the icon on the IDEXX VetLab Station Home screen displays the green ready status.

Appendix A: Setting up the analyzer

IMPORTANT: The IDEXX inVue Dx* Cellular Analyzer must be connected to an IDEXX VetLab* Station and the IDEXX VetLab* router/switch.

Environmental guidelines

- ✦ Place the analyzer on a level surface in a well-ventilated area away from obvious sources of heat, direct sunlight, cold, humidity, vibrations, or dust. Do not place the analyzer in a location where it can be splashed by water.
- ✦ Place the analyzer in a space large enough to be used safely, including when the front cover is being removed for cleaning. Position the analyzer with at least 2 inches (≈5 cm) of space above, behind, and on at least one side of the analyzer. This spacing requirement also applies when placed next to other IDEXX VetLab* analyzers.
- ✦ Position the analyzer so that the power cord can reach a nearby electrical outlet. The power cord should be easily accessible.
- ✦ Do not place weight on top of the analyzer in excess of 12 pounds (≈5.5 kg).
- ✦ Do not install the analyzer in operating environments where chemicals are stored or gas can develop. This includes areas that have electroconductive or flammable gases, such as oxygen, hydrogen, and anesthesia.

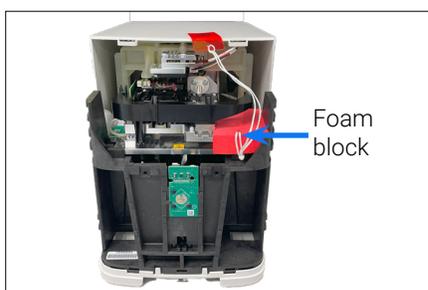
Installing the IDEXX inVue Dx analyzer

IMPORTANT: The IDEXX inVue Dx analyzer works with the IDEXX VetLab Station and its router/switch. If you do not have an open port on the IDEXX VetLab router/switch, contact IDEXX Customer and Technical Support.

1. Ensure the IDEXX VetLab Station is plugged into a surge-protected power source and is connected to an available port on the back of the IDEXX VetLab router/switch via an Ethernet cable (do not connect the IDEXX VetLab Station directly to the Internet/WAN port on the router/switch).
2. Unpack the analyzer, choosing an optimal location per the environmental guidelines above. For optimum results, room temperature should be at 15°C–35°C (59°F–95°F) and relative humidity at 15%–75%.

Note: Be sure to leave the analyzer's cooling vents unobstructed to ensure proper ventilation.

3. Remove the shipping stability foam block from the analyzer using these steps:



- a. Remove the front cover by placing your fingers in the cutouts on both sides of the analyzer, pulling outward and upward, and then unhinging the cover at the top.
- b. Lift up the right side of the foam block and then remove it and all its connected components (string and taped tab) from the analyzer.
- c. Replace the front cover by inserting the top tabs into the corresponding slots at the top of the analyzer until the cover and analyzer edges are touching. Then, press the bottom of the cover down until it snaps into place.

4. Connect one end of the provided Ethernet cable to the Ethernet port on the back of the analyzer and the other end to a numbered port on the router/switch.
5. Power up the IDEXX VetLab Station and wait until it comes to a ready state (the monitor will display the Home screen).

6. Connect the provided power supply to the power port on the back of the analyzer.
7. Connect the power cable to the power supply and then plug the power cable into an electrical outlet. The analyzer starts automatically and begins the initialization procedure. After 20–30 seconds, the IDEXX inVue Dx icon appears on the IDEXX VetLab Station Home screen with a gray (offline) status, changes to yellow (busy) as the analyzer performs its initialization procedure, and then changes to green when the initialization procedure is complete (the entire initialization procedure takes about 60 seconds). Once the icon is green, the connections are complete and the analyzer is ready to use.

IMPORTANT: If the icon does not appear on the IDEXX VetLab Station Home screen within 3 minutes, contact IDEXX Customer and Technical Support for assistance.

IDEXX SmartService Solutions connection

An IDEXX SmartService* Solutions connection is required for IDEXX inVue Dx analyzer runs as well as IDEXX in-house hematology runs added to enhance IDEXX inVue Dx results. IDEXX SmartService also enables IDEXX to remotely connect to the analyzer to troubleshoot in the event of any problems.

Appendix B: Technical and safety information

Operating conditions and technical specifications

Main unit dimensions	Height: 12.2" (30.9 cm) Depth: 13.5" (34.3 cm) Width: 9.3" (23.6 cm)
Main unit weight	Approximately 18.40 lb (8.35 kg)
Operating temperature	15°C–35°C (59°F–95°F) Optimum: 23°C (73.4°F) For indoor use only.
Storage temperature	+ Analyzer storage temperature: 15°C–35°C (59°F–95°F) + Reagent storage temperature: 15°C–35°C (59°F–95°F)
Operating humidity	15%–75%
Power supply	100–240 VAC, 50–60 Hz, 1.5 Amps Power supply protection: IP41 Rated: 24VDC, 5A Category 1
Input/output connections	There are two user-accessible input/output connections on the rear of the analyzer: A power connection and an Ethernet port for connection to IDEXX VetLab* Station.
Altitude	Up to 2,000 meters above sea level
Low power mode	When the analyzer is idle for 10 minutes, it enters low power mode (using ~5.5 watts instead of the ~17 watts used in regular power mode). When in low power mode, the status light on the front of the analyzer changes to a slow, blinking green. The analyzer exits low power mode automatically when the analyzer run is initiated from the IDEXX VetLab Station.

Safety precautions

- + Position analyzer so that the power cord is easily accessible.
- + DO NOT stack other equipment or containers on top of the analyzer.
- + Keep analyzer away from sources of heat or flames.
- + DO NOT place or operate the analyzer near x-ray equipment, photocopiers, or other devices that generate static or magnetic fields.
- + PROTECT your equipment from damp conditions or wet weather.
- + Take care not to spill water or other fluids on the unit.
- + **DO NOT** use any of the following liquids, abrasives, or aerosol sprays on or near the analyzer, as they may damage the outer case and may adversely affect results:
 - + Organic solvents
 - + Ammonia-based cleaners
 - + Ink markers
 - + Sprays containing volatile liquids
 - + Insecticides
 - + Polish
 - + Room freshener

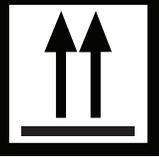
- + The analyzer does not contain any user-serviceable components. DO NOT disassemble.
- + Line voltage for the analyzer is 100–240 V AC, 50–60 Hz. Be sure to plug all equipment into properly grounded electrical outlets.
- + Use only the power cable supplied.
- + Disconnect the power cable:
 - + In the event that you need to power the analyzer off in an emergency.
 - + If the cable becomes frayed or otherwise damaged.
 - + If anything is spilled onto the analyzer.
 - + If your analyzer is exposed to excessive moisture.
 - + If your analyzer is dropped or the case has been damaged.

The analyzer should only be used as described in this guide. Failure to follow these instructions may adversely affect results as well as the safety features of the analyzer.

International symbol descriptions

International symbols are often used on packaging to provide a pictorial representation of particular information related to the product (such as expiration date, temperature limitations, batch code, etc.). IDEXX Laboratories has adopted the use of international symbols on our analyzers, product boxes, labels, inserts, and manuals in an effort to provide our users with easy-to-read information.

Symbol Symbole	Description	Symbol Symbole	Description
	Use by A utiliser avant Verwendbar bis Usare entro Usar antes de 使用期限		Temperature limitation Température limite Zulässiger Temperaturbereich Temperatura limite Limitación de temperatura 保存温度(下限)
	Batch code (Lot) Code de lot (Lot) Chargenbezeichnung (Partie) Codice del lotto (partita) Código de lote (Lote) ロット番号		Upper limit of temperature Limite supérieure de température Temperaturobergrenze Limite superiore di temperatura Limite superior de temperatura 保存温度(上限)
	Serial number Numéro de série Seriennummer Numero di serie Número de serie シリアル番号		Consult instructions for use Consulter la notice d'utilisation Gebrauchsanweisung beachten Consultare le istruzioni per l'uso Consultar las instrucciones de uso 取扱説明書をご参照ください。
	Catalog number Numéro catalogue Bestellnummer Numero di catalogo Número de catálogo 製品番号		Keep away from sunlight Conserver à l'abri de la lumière Vor direkter Sonneneinstrahlung schützen Mantener alejado de la luz solar Tenere lontano dalla luce diretta del sole 遮光してください。
	Authorized Representative in the European Community Représentant agréé pour la C.E.E. Autorisierte EG-Vertretung Rappresentante autorizzato nella Comunità Europea Representante autorizado en la Comunidad Europea EC内の正規販売代理店		WEEE Directive 2002/96/EC Directive 2002/96/CE (DEEE) WEEE-Richtlinie 2002/96/EG Directiva 2002/96/CE RAEE Direttiva RAEE 2002/96/CE 廃電気電子機器指令(WEEE Directive 2002/96/EC)

Symbol Symbole	Description
	Manufacturer Fabricant Hersteller Ditta produttrice Fabricante 製造元
	Caution, consult accompanying documents Attention, consulter les documents joints Achtung, Begleitdokumente beachten Attenzione, consultare la documentazione allegata Precaución, consultar la documentación adjunta 注意、添付文書をご参照ください。
	Caution, hot surface Attention, surface très chaude Precaución, superficie caliente Vorsicht, heiße Oberfläche Attenzione, superficie rovente 高温注意
	Keep dry Conserver dans un endroit sec Mantener seco Vor Nässe schützen Tenere al riparo dall'umidità 濡らさないこと。
	This side up Haut Este lado hacia arriba Diese Seite nach oben Alto この面を上にする。

Symbol Symbole	Description
	Biological risks Risques biologiques Biogefährlich Rischi biologici Riesgos biológicos 生物学的リスク
	Do not reuse Usage unique Nicht wiederverwenden No reutilizar Non riutilizzare 再利用しないでください。
	Electrostatic-sensitive device Appareil sensible aux charges électrostatiques Dispositivo sensible a descargas electrostáticas Gerät ist sensibel auf elektrostatische Ladung Dispositivo sensible alle scariche elettrostatiche 静電気の影響を受ける装置
	Fragile Fragile Frágil Zerbrechlich Fragile 取扱注意
	Date of manufacture Date de production Fecha de producción Herstelldatum Data di produzione 製造年月日:

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