

- We are eco-friendly. For a User Guide in your language and contact information, scan the QR-code or go directly to:
- Nous sommes écoresponsables. Pour le guide de l'utilisateur dans votre langue et informations de contact, scannez le code QR ou allez directement sur:
- Wir sind umweltfreundlich. Scannen Sie den QR-Code, um eine Bedienungsanleitung in Ihrer Sprache und Kontaktinformationen zu erhalten, oder gehen Sie direkt zu:
- Para proteger nuestro medio ambiente, optamos por Guías de usuario e información de contacto en formato digital. Accede a ellas a través del código QR o vete directamente a:
- Somos ecológicos. Para obter o Guia do usuário no seu idioma e informações de contato, leia o código QR ou vá diretamente para:
- Rispettiamo l'ambiente. Per la Guida dell'utente nella tua lingua e le informazioni di contatto, scansiona il codice QR o vai direttamente a:
- Jesteśmy przyjaźni dla środowiska. Aby uzyskać instrukcję obsługi w swoim języku i informacje kontaktowe, zeskanuj kod QR lub przejdź bezpośrednio do:
- We zijn milieuvriendelijk. Voor de gebruikershandleiding in uw taal of onze contactgegevens, scan de QR-code of ga direct naar:



www.vetoquinol.com/mastatest/how-to-use

WHAT IS MASTATEST®?

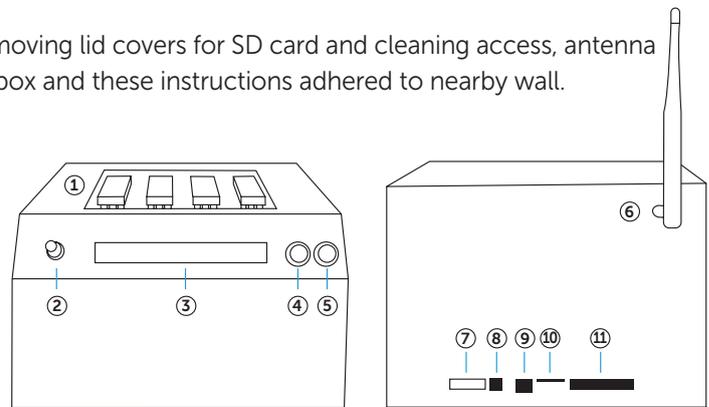
Mastatest® lapbox and cartridges are intended to identify bacteria causing clinical mastitis in dairy cows, and to determine antibiotic sensitivities.

INCLUDED WITH LAPBOX

Ethernet (LAN) cable, power adaptor cable, Allen (hex) key for removing lid covers for SD card and cleaning access, antenna and these instructions. Recommend Allen key is taped to the lapbox and these instructions adhered to nearby wall.

LAPBOX DETAILS

Attach the antenna ⑥, plug in the Ethernet cable ⑨ (if chosen as connection see - '3 Connect' overpage) and connect the power adaptor cable ⑧. Lapbox runs through startup tests (including flashing the internal LEDs). After up to 60 seconds, the display shows "Mastatest Menu".



- | | | |
|-----------------------|-----------------------|----------------------------------------------------------------|
| ① Test slots | ⑥ Antenna | ⑩ Technical |
| ② Twist ↻/Push Select | ⑦ Serial number label | <i>Note: 10 & 11 located behind dust protection cover.</i> |
| ③ Display | ⑧ Power | |
| ④ Push Back ← | ⑨ Ethernet (LAN) | |
| ⑤ Push Forward → | ⑪ SD card slot | |

Learn to use the Lapbox menu

Use ② Twist/Push control to navigate ↻ through the menu items, push it once to select/enter. Use ④ Push Back ← and ⑤ Push Forward → to move between menu items or to move the cursor.

GENERAL TIPS & TROUBLESHOOTING

STORAGE & CARE

- Store Mastatest® cartridges at 2 - 8°C, and out of direct sunlight. Use before the expiry date.
- Keep all surfaces of the Lapbox clean and dry. Wipe with a soft, damp cloth when required.
- Only use replacement parts supplied by Mastatest®.
- Disconnect Lapbox from power when not in use.
- Lapbox is not waterproof. Operating conditions are 5 - 30°C.
- Store Lapbox and Mastatest® out of reach of children.

Trouble connecting to WiFi?

Lapbox only works with 2.4 GHz WiFi networks.

The network signal strength needs to be no less than -65dBm, shown on the left of the display when a WiFi network is selected. If signal strength is not sufficient, try moving closer to the router for setup or use Ethernet cable.



QUICK START GUIDE - START HERE

1 – CREATE YOUR ACCOUNT

Following the indications received from your Lapbox / Mastatest re-seller, go to <http://mastatest.vetoquinol.com> and sign up to complete your account details, validate terms & conditions and set up your users preferences.

2 – REGISTER YOUR LAPBOX

Each Lapbox must be registered before its first use

- 1 Note down the Lapbox's serial number on the serial number label sticker ⑦.
- 2 Navigate ⤴ from Mastatest menu to *Lapbox information* and select. Note down the Lapbox ID number. Push Back ← to return to the main menu.
- 3 Go to <http://mastatest.vetoquinol.com> and log into your account to register a Lapbox. Go to Menu/MyAccount. Under Register New Lapbox fill in the Lapbox ID and Serial Number and submit.

3 – CONNECT **RECOMMENDED OPTION:**

OPTION 1: PLUG & PLAY WITH ETHERNET (LAN)

Plug the supplied Ethernet cable into the Lapbox ⑨ and directly into your router. Power cycle the Lapbox, wait for "Mastatest Menu" to appear and test the cloud connection (see below).

If necessary, change from WiFi to Ethernet. Navigate ⤴ from Mastatest Menu to Configure Lapbox, select *Set Internet Connection* and select *Set Ethernet*. Lapbox reboots.

OPTION 2: WiFi

- 1 Navigate ⤴ from Mastatest Menu to Configure Lapbox, select *Set Internet Connection* and select *Set WiFi*. Lapbox reboots.
- 2 To see available networks, navigate ⤴ to configure Lapbox, select *Setup WiFi (on)*, *Set WiFi SSID*. Find ⤴ and select your network. Push Back ← to return to previous menu.
- 3 To enter the password, select *Set WiFi password*. Find ⤴ and select the characters taking care with lower and upper case characters. Use Push Back ← to delete a character if needed. When password entered, Push Forward → and confirm. Test the cloud connection (see below).

TESTING THE CLOUD CONNECTION

- 1 Return to the main menu using Push Back ←. Navigate ⤴ to the Mastatest Menu and select, then navigate ⤴ to Test Upload and select.
- 2 An image is taken and after about 5 to 30 seconds, a progress bar appears on the display if the connection is successfully established.
- 3 Once the image is uploaded, the display shows "Test Upload" once more and Mastaplex Lapbox is ready for use. If unsuccessful, repeat the above steps and refer to Troubleshooting tips on previous page.

4 – START THE TEST

Navigate ⤴ to the Mastatest menu and select, then select *Start Mastatest*. Select the test position by using the indicator arrows on the display.

WEB START

- 1 Without entering any details, start the test (push Select four times). The display shows "WebStart" and a 24-hour countdown.
- 2 Go to <http://mastatest.vetoquinol.com> and log in to your account. In the upper frame of the dashboard, select the appropriate Lapbox then click on the *Start New Test* button of the corresponding slot. Enter animal and client details and click on *Launch Test*. The status on the web platform will change to "Test details entered", then "Busy" as the first image acquisition is received.

IMPORTANT! The test must be started exactly as described above and client details entered online **before the end of the test cycle and before a test result is sent** (within 20hrs of test start).

MANUAL START

(IF NO ACCESS TO THE WEB INTERFACE)

- 1 Enter the five digit animal number using twist ⤴ and Push Forward → to move the cursor. Animal numbers with fewer than five digits should have leading zeros, e.g. 00123 for animal 123.
- 2 Push Select to move to Quarter. Twist ⤴ to select quarter, use 00 for a composite sample or unknown quarter. Select to finish data entry.
- 3 Select Yes to start the test (a 24-hour countdown is shown), or No to adjust animal details.

WHAT HAPPENS NOW?

The first image is taken 10 min after the test starts and a 24-hour countdown timer is shown. Tests in other slots in the Mastatest® lapbox can be started independently at any time.

5 – GET RESULTS

RESULTS BY E-MAIL

Results are automatically e-mailed to your account address typically within 24 hours.

From your account settings in the Web Platform <http://mastatest.vetoquinol.com> you can set several e-mail address for the results to be sent as well as the permissions for results access and the format of the report.

RESULTS ON THE WEB

As they become available, you can access the results from the Web Platform at <http://mastatest.vetoquinol.com>. The most recent results are accessible from your dashboard. You can also access all results through the "Review Test Results" tab and filter the list as needed.