



VetCheq® - Instant and Continuous Equine Health Information

What is VetCheq®

VetCheq® is a simple to use, advanced monitoring product for horses that gathers, analyzes, and transmits vital data via Bluetooth, through the PonyUp® cloud, to any smart device anywhere on the planet. Data is gathered non-invasively and stored, displayed, or viewed in streaming, real-time mode. Cardiac function, which includes central blood pressure, pulse, respiration, and an EKG equivalent readout is displayed digitally or graphically at the user's direction.

Why Do You Need VetCheq®

You need VetCheq® to ensure the wellbeing of your horse. This device can be used in a multitude of scenarios and across all disciplines, in emergencies or just to give you the information you need to have peace-of-mind. Some of the many situations where VetCheq® proves its value include:

- Maintaining baseline information for you and your vet
- Monitoring during transport and quarantine
- Conducting pre-purchase exams
- Pain management
- Record vitals before and after strenuous exercise
- Monitor the horses' state during competitive events
- Treatment monitoring (know the effectiveness of a treatment)



VetCheq® is so accurate that it is the only device of its type to have FDA approval for central blood pressure.

Who Should Use VetCheq®

VetCheq® is professional, affordable diagnostic equipment meant for all serious equine caregivers including breeders, trainers, owners, and competitors. Any operation or organization that handles large numbers of horses should have at least one VetCheq® device available for emergencies and to reduce liability. When possible, each horse should have a record of its baseline vital data available for comparison in the event that it is needed by a veterinarian.

All equine caregivers can benefit from using VetCheq® in numerous ways. Some of the more important benefits include:

- Cost saving that result from early illness detection – quicker recovery, fewer interventions
- Fewer barn visits or trips to the vet as well as the ability to invite your vet to share live monitoring
- Competitive advantage knowing the precise state of your horse prior to competition
- The ability to track conditioning progress over time
- Peace-of-mind that comes from having real-time data at your fingertips combined with alerts that signal a problem night or day

How VetCheq® Works

The VetCheq® unit is placed inside a specialized wrap boot that is positioned on the horse's front leg. The inner surface of the boot has a replaceable bladder that sits directly over the distal artery. The bladder is connected to the device via a tube, which serves the dual purpose of maintaining pressure in the bladder and allowing the pulse wave from the artery to be sent to the sensor in the VetCheq® device for analysis.

An ARM7 processor, inside the waterproof VetCheq® enclosure, reads the collected raw data, performs the initial analysis, and either stores or transmits the data via a Bluetooth link. The data can be transmitted to another Bluetooth device or to a device that converts the data to WiFi and sends it to the VetCheq® Cloud application to be accessed by anyone with permission to view the data. Users can logon to the VetCheq® Cloud application from any location to monitor any and all horses in their care.

As the owner (administrator) of one or more VetCheq® units, you will be able to set thresholds that generate SMS text alerts, assign guests who can share the information, and store collected data to use in the future to compare to current data.

The data is analyzed and transformed into readable information that can be accessed on any smart device that is either Bluetooth enabled or connected to the internet. The data can be viewed as live, streaming data, or as time-stamped, historical data.

The **VetCheq® Cloud** application is a user-friendly, web-based application that allows the user to:

- Add VetCheq® devices
- Assign them to horses
- Take VetCheq® units in and out of service
- View historical or live streaming data on any device with an internet connection
- Invite guests to view the data remotely on an individual horse (for example, an owner may wish to have their veterinarian look at current data to determine if a visit to the barn is necessary)
- Receive alerts when a user-set threshold is met or exceeded by sending an SMS or audio message
- View battery status or receive an SMS message when battery status is low



Where Can You Buy VetCheq®

Contact PonyUp® Technologies customer support at 469-941-4683 or visit our website at www.ponyuptechnologies.com/shop.