

# HemoCue® Hb 201+ & HemoCue® WBC

The HemoCue Hb 201+ and HemoCue WBC systems make it easier than ever to check the health of your horse. The Hb 201+ measures the haemoglobin concentration while the WBC calculates the amount of white blood cells in the sample. The systems offer veterinarians, laboratory technicians, horse owners and trainers an innovative, quick and reliable way to validate the health of the horse.



Immediate information  
of your horse's health  
– anytime, anywhere!



- **Immediate results.** Using proven technologies, lab accurate results are available in a few minutes. A confirmation of the horse's health is valuable before a competition or a long transport.
- **Ease-of-use.** Only three simple steps are needed: fill a microcuvette with a drop of blood, insert the microcuvette into the instrument and the lab quality result is displayed automatically. Both capillary and venous blood can be used.
- **Portable.** The instruments can be powered by either battery or adapter, are robust and have a compact design. This makes them flexible to use wherever you need the results, giving the possibility to validate the horse's health anytime, anywhere!
- **Reliable results.** The instruments are factory calibrated and an internal self-check is performed each time they are turned on. The reliability of the systems make it possible to compare results, and follow the horse's health over time.

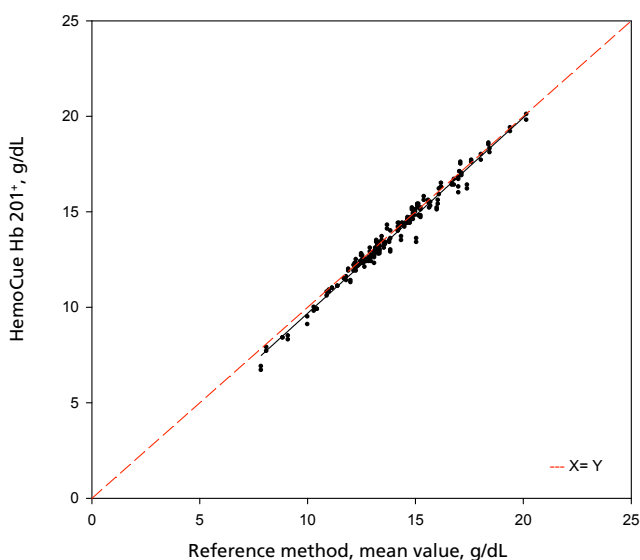
**HemoCue AB is a leader in point-of-care testing and has been on the market for more than 25 years.** HemoCue AB develops, produces, and markets medical diagnostic products for point-of-care testing. The fundamental concept behind the HemoCue products is to perform important common blood and urine tests that offer lab quality results at the point-of-care without sacrificing the accuracy and precision offered by a central clinical lab. Tests that are fast and easy to perform - by anyone.



## Lab-accurate results

The graphs show that both HemoCue Hb 201+ and HemoCue WBC analyse horse blood with the same precision and accuracy as a laboratory method. Advia 120 was used as the comparative method when evaluating the instruments.

### Hb



### HemoCue Hb 201+

**Principle:** Sodium deoxycholate haemolyses the erythrocytes and haemoglobin is released. Sodium nitrite converts haemoglobin to methaemoglobin which, together with sodium azide, becomes azidemethaemoglobin. The absorbance is measured at two wavelengths (570 nm and 880 nm) in order to compensate for turbidity in the sample.

**Measuring time:** Results within 15–60 seconds

**Sample material:** Capillary or venous blood

**Sample volume:** 10  $\mu$ L

**Quality control:** Built-in self test

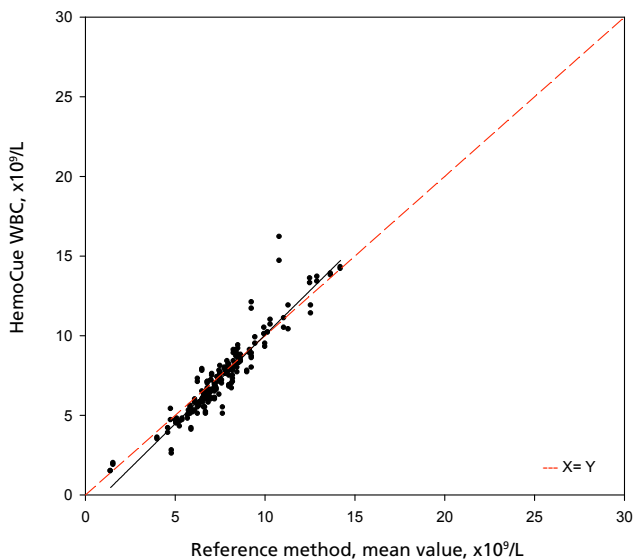
**Dimensions:** 85 x 160 x 43 mm (3.35 x 6.3 x 1.69 inches)

**Weight:** 350 g (0.77 pounds) with batteries

**Power supply:** AA batteries or power adapter



### WBC



### HemoCue WBC

**Principle:** A hemolyzing agent lyses the red cells in the microcuvettes and a staining agent colors the white cells.

An image is taken of the stained white cells and the number of cells is counted by image analysis in the analyzer.

**Measuring time:** 3 minutes

**Sample material:** Capillary or venous (EDTA) blood

**Sample volume:** 10  $\mu$ L

**Quality control:** Built-in self test

**Dimensions:** 185 x 133 x 120 mm (7.28 x 5.24 x 4.72 inches)

**Weight:** 600 g (1.32 pounds) with batteries

**Power supply:** AA batteries or power adapter

