



Specifications

Sperm Quality Analyzer for Equines QwikCheck Gold Equine

General characteristics

Measurement Compartment	<ul style="list-style-type: none">— sources of radiant energy — two LEDs for motility and spectrophotometry channels— detector system — two photo detectors — Motility and Optical Density
Sample type	<ul style="list-style-type: none">— raw— extended— cooled— frozen
Display	operational backlight LCD (16 lines x 40 characters)
Printer	<ul style="list-style-type: none">— external label printer— thermostatic label paper with 30 characters per line (Brother)
Keypad	<ul style="list-style-type: none">— operational keys— numeric buttons— cursor buttons
Interface	RS-232 cable outlet
Accessories for testing sample	measuring capillary: plastic, loaded syringe for an easy aspiration of sample
Memory	250 test records in each archive
Analysis Time	normal test — about 75 seconds
Temperature control	37 °C
Signals	<ul style="list-style-type: none">— motility channel input signal: analog, up to 5 V— spectrophotometer channel input signal: Modulated (1 kHz) analog, up to 5 V
Quality Control	internal: electronic self-test and auto-calibration
Dimensions, weight	20x30x15 cm (HxWxD), 4.1 kg
Power supply	100–250 V AC, 50/60 Hz, 10 VA