# MDC 1000vet

***The most money saving single channel semi-automated Hematology Analysers (cellcounters) with separate Diluter or pipetting for manual dilution***

***Parameter: WBC, RBC, HGB, MCV, HCT, PLT, MPV, PCT,MCH, MCHC***
***3 histograms on printer hard copy***
***Capacity of all models: about 30 - 50 analyses per hour***

## TECHNICAL DATA / FEATURES

**Methods**
Electronic, impedance principle (change of electrical resistance), colorimetric haemoglobine determination by built-in photometer

**Counting time**
11 seconds

**Volume unit**
Liquid manometer with electronic detectors

**Transducer**
Single 80 µm

**Display**
LCD **2 x 32-digit** alpha-numeric

**Measurement Value Processing**
Microprocessor

**Self diagnostic package**
Displays malfunctions and suggests solutions

**Sample Volume**
20 µl whole blood or capillary blood

**Reagent consumption**

| | |
|---|---|
| Isotonic diluent: | 20 ml per sample |
| Haemolyzing reagent: | 80 µl per sample |

**Calibration**
On keyboard for every parameter

**Animal settings**
Dog, Cat, Rabbit, Guinea Pig, Horse, Cow, Sheep, Goat, Pig, Control (like human)
Mouse or other animals can be changed with other animal

**Dimensions**

| | |
|---|---|
| width: | 290 mm |
| depth: | 355 mm |
| height: | 350 mm |

**Weight**
13 kg

**Power consumption**
max 50 W

**Voltage (standard)**
110 / 220 V, 50 / 60 Hz

**Interfaces**
1 serial port (RS 232)
1 parallel port for printer (MDC 1000, or on request)

**Accessories**

| | |
|---|---|
| **MEDI-MIX** | Mixer for 60 samples of whole blood |
| **LEUKODIFF LCR 12** | WBC-differentiation-counter |

**Consumables**

| | |
|---|---|
| **MEDILUID** | isotonic diluent |
| **MEDLYSE** | concentrated haemolysing reagent |
| **MEDI-CLEAN** | enzymatic cleaner |
| **MEDI-CUP** | particle-free cups |

***NO PERIODIC MAINTENANCE !!!***

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