Celltac α

NEMOJTE PLAĆATI ANALIZE NA DRUGIM ANALIZATORIMA I DO 10 PUTA SKUPLJE !

Veterinary

Hematology Analyzer

MEK-6550J/K

Gentle veterinary care

ZA UPOTREBU U VETERINARSKOJ MEDICINI

CENA PO ANALIZI SAMO 0,5 EUR

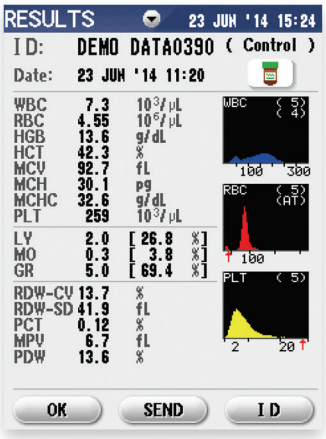
Veterinary use

SUPERLAB®
Your Lab – Our Passion
www.super-lab.com

Fighting Disease with Electronics
NIHON KOHDEN

PODRŠKA USPOSTAVLJANJU BRŽE KLINIČKE DIJAGNOZE

MEK-6550J/K daje precizne rezultate za samo 60 sekundi. LCD ekran prikazuje ukupno 21 parametar za pse, mačke, konje i krave sa 3 histograma u boji, što omogućava dobijanje preciznije dijagnoze i brže intervencije veterinara.

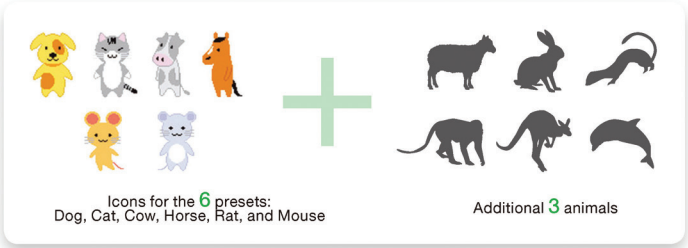


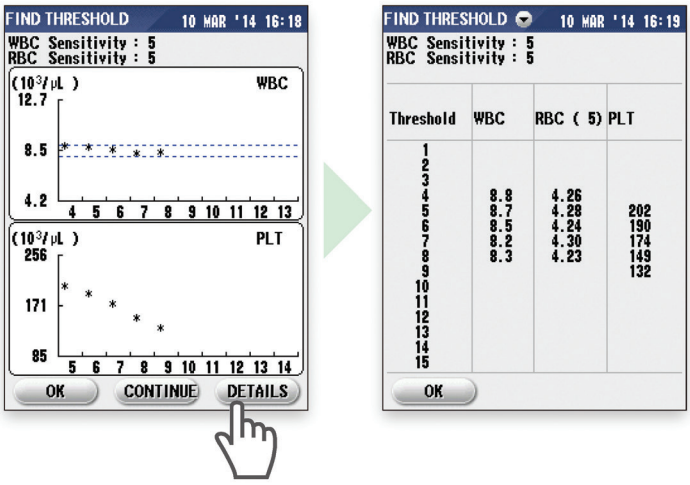
MOGUĆNOST IZBORA VIŠE VRSTA ŽIVOTINJA

Pored 6 osnovnih vrsta životinja (pas, mačka, konj, krava, pacov i miš) aparat nudi mogućnost izbora još 3 vrste životinja (od ponuđenih dodatnih 6 vrsta).

SIGNALIZIRANJE ZA DOBIJENE VISOKE ILI NISKE VREDNOSTI UZORKA

Ukoliko rezultat pređe gornju ili donju graničnu vrednost, uzorak se ponovo može analizirati u različitom visokom ili niskom razblaženju (visoki ili niski dilucioni mod).





Gentle veterinary

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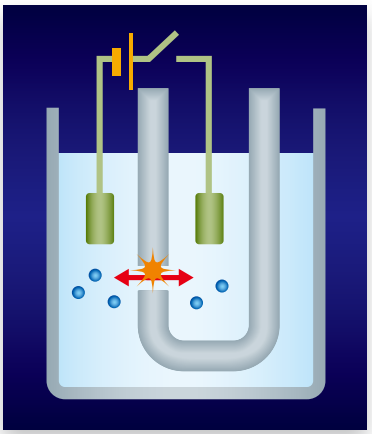
UVEK SPREMAN ZA UPOTREBU

Zahvaljujući potpuno automatskom čišćenju sistema aparat je uvek spreman za upotrebu. To omogućava brži rad veterinara, a samim tim i brzo postavljanje dijagnoze.

- Automasko čišćenje nakon svake analize uzorka
- Automatsko čišćenje prilikom svakog uključivanja i isključivanja aparata



care

Hematology Analyzer MEK-6550J/K

Features		
21 parameters: dog, cat, cow, horse 13 parameters: rat, mouse, other animals	6 dilution modes: Normal, High, Higher, Lower, Pre-dilution	Unlimited memory (with SD card)
Top level accuracy and reproducibility	Automatic self-check	QC programs: • Mean • CV calculation • X̄-R • L & J • X̄B • X̄D•CV
Easy touch screen operation	Automatic sampling	Integrated thermal printer
Fast access buttons	Automatic priming and cleaning	Password protection access
Color LCD screen	Automatic sampling nozzle cleaning	Connection capability
Easy maintenance	Automatic clog removal	• RS232 • USB • Printer • Barcode reader
Durable and robust	Automatic waste fluid treatment	Single/double count mode
Compact	Data management	Recount mode

Specifications

Dimensions and Weight
230 W x 450 D x 428 H (mm) , approx. 20 kg

Power

Power requirements
MEK-6550J: 110–127 VAC +/- 10%, 50/60 Hz
MEK-6550K: 220–240 VAC +/- 10%, 50/60 Hz
Power consumption: less than 120 VA
Cooling system: Natural cooling

Parameters:
WBC, RBC, PLT, HGB, HCT, MCV, MCH, MCHC, PDW, PCT, LY%, LY#, MO%, MO#, GR%, GR#, MPV, RDW CV, RDW SD

Throughput
about 60 samples/hour

Dilution Ratio

- Venous blood sample volume: 30 µL in normal and low dilution modes, about 10 µL in high dilution mode, 5 µL in higher dilution mode
  WBC/HGB: 200:1 (in normal dilution mode)
  RBC/PLT: 40,000:1 (in normal dilution mode)
- Pre-dilution blood sample volume: 10 µL, 20 µL
  WBC/HGB: 1200:1, 600:1
  RBC/PLT: 240,000:1, 120,000:1

Measuring Range and Reproducibility

WBC	0–59 x 103/µL , 0–599 x 103/µL	within 2.0% CV (4.0–9.0 x 103/µL) Higher dilute mode
*LY%	0–100%	within 5.0% CV (WBC: 4.0–9.0 x 103/µL, LY%: 20-45%)
*MO%	0–100%	within 12.0% CV (WBC: 4.0–9.0 x 103/µL, MO%: 2-10%)
*EO%	0–100%	—
*GR%	0–100%	within 5.0% CV (WBC: 4.0–9.0 x 103/µL, GR%: 40–70%)
*LY	0–59 x 103/µL , 0–599 x 103/µL	— , Higher dilute mode
*MO	0–59 x 103/µL , 0–599 x 103/µL	— , Higher dilute mode
EO	0–59.9 x 103/µL	—
*GR	0–59 x 103/µL , 0–599 x 103/µL	— , Higher dilute mode
RBC	0–14.9 x 106/µL	within 1.5% CV (5.0 x 106/µL)
HGB	0–29.9 g/dL	within 1.5% CV (16g/dL)
HCT	0–99.9%	—
MCV	20–199 fL	within 1.0% CV (70–120 fL)
MCH	10–50 pg	—
MCHC	10–50 g/dL	—
RDW-CV	0–50%	—
RDW-SD	0–199.0 fL	—
PLT	0–1490 x 103/µL	within 4.0% CV (3.0 x 103/µL)
PCT	0–2.9%	—
MPV	0–20 fL	—
PDW	0–50%	—

*Only available for measuring dog, cat, cow and horse samples.

Methods
RBC/PLT/WBC: Electrical resistance
HGB: Photometry
WBC classification: Impedance and lyse action
HCT: Calculated from RBC histogram
MCV, MCH, MCHC: Calculated from RBC, HGB, HCT
PCT: Calculated from PLT histogram
MPV: Calculated from PLT, PCT
RDW-CV, RDW-SD: Calculated from RBC histogram
PDW: Calculated from PLT histogram

Electromagnetic Compatibility
IEC 61326-1:2005
EN 61326-1:2005
IEC 61326-2-6:2005
EN 61326-2-6:2006
CISPR11:2003, Group 1, Class B

Environmental Conditions
Storage temperature: –20–60°C (–4–140°F)
Storage humidity: 10–95% (noncondensing)
Storage atmospheric pressure: 700–1060 hPa
Operating temperature: 15–30°C (59–86°F)
Operating humidity: 30–85%
Operating atmospheric pressure: 700–1060 hPa

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