



**NEW**

# Celltac $\alpha$

## Automated Hematology Analyzer MEK-6500J/K Series

### A reliable partner in your laboratory

■ **User-friendly compact design**

Based on over 40-year experience in manufacturing hematology analyzers, Nihon Kohden's Celltac  $\alpha$  provides stress-free operation with newly designed hardware and software interface.

■ **Flexible aspiration modes**

Celltac  $\alpha$  has several blood aspiration modes. The cap pierce mode (available on MEK-6500J/K Series) contributes to safer operation by eliminating the chance of touching blood.

■ **Large data capacity**

Celltac  $\alpha$  uses SD cards for reliable data storage. Over 15,000 results can be stored.

*Stress-free*

*Flexible*

*Reliable*



Fighting Disease with Electronics

 **NIHON KOHDEN**

## Specifications

Parameters	WBC, LY%, MO%, GR%, LY, MO, GR, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PCT, MPV, PDW
Measurement methods	WBC, RBC, PLT – impedance method HCT – calculation from histogram HGB – cyanmethemoglobin optical detection WBC differential – calculation from histogram
Measurement modes	Open Closed Pre-dilution WBC high WBC low
Counting time	60 sec/sample (Open mode)
Sample volume aspirated	30 $\mu$ L (CBC) for normal measurement mode 10 or 20 $\mu$ L for pre-dilution mode
Data storage	Over 15,000 results including histograms can be stored on an SD card.
LCD display	5.7 inch 240 $\times$ 320 dots TFT-LCD
Dimensions	230 W $\times$ 450 D $\times$ 428 H (mm)
Weight	Approx. 20 kg

## Reagents, Controls, Calibrator



### Hematology control

MEK-3DN (normal)  T455  
MEK-3DL (low)  T455L  
MEK-3DH (high)  T455H  
(2mL)



### Calibrator

MEK-CAL  T457  
(2mL)

### Hemolyzing reagent for CBC

HEMOLYNAC-3N  
Cyanide-free

### Hemolyzing reagent for DIFF

HEMOLYNAC-5

### Diluent

ISOTONAC-3

### Detergent

CLEANAC

### Detergent (Bleach)

CLEANAC-3

## Option



Over 15,000 results can be stored.

SD card

## Over 40 Years of Experience with In Vitro Diagnostic

Nihon Kohden launched its first automatic blood cell counter, MEK-1100 in 1972. Over the years, the models with more extensive and advanced capabilities are continually developed.



SD is a trademark of SD-3C, LLC.  
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**NIHON KOHDEN**

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