



Celltac α

Automated Hematology Analyzer
MEK-6500J/K
MEK-6510J/K

A reliable partner in your laboratory

User-friendly compact design

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

Flexible aspiration modes

Celltac α 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. Capillary mode enables 10 μ L capillary blood. Sampling from neonate or infant earlobe, heel.

Large data capacity

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

Stress-free

Flexible

Reliable



Fighting Disease with Electronics



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 Capillary
Counting time	60 sec/sample (Open mode)
Sample volume aspirated	30 μ L (CBC) for normal measurement mode 10 or 20 μ L for pre-dilution mode, 10 μ L for capillary 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

Diluent

ISOTONAC-3

Detergent

CLEANAC

Detergent (Bleach)

CLEANAC-3

Option



SD card

QM-001D Y154D
QM-002D Y154E
Up to 15,000 results can be stored

Consumable



Micro capillary adaptor

YZ-0373A T810B

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.



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This brochure may be revised or replaced by Nihon Kohden at any time without notice.



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