made in Japan

IBSCG Turnkey Supplier MEDICAL

Automated Hematology Analyzer

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.

Stress-free

Capillary mode

Capillary mode enables 10µL capillary blood. Sampling from neonate or infant earlobe or heel.

Flexible

Large data capacity

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

Reliable

Good quality result

Enhanced performances by Japanese technologies based on over 40-years' experience in manufacturing hematology analyzers (Measurement methods comply with ICSH and CLSI).

Quality

Simple connection to LIS

Simple RS-232C connection with ASTM protocol enables to transfer results to Laboratory Information System.

Communication

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 – Surfactant method (Colorimetric method) WBC differential – Calculation from histogram
Measurement modes	Open Pre-dilution WBC high WBC low Capillary
Counting time	60 sec/sample (From measurment start to display)
Sample volume aspirated	30 µL (CBC) for normal measurement mode 10 or 20 µL for pre-dilution mode, 10 µL for capillary mode
Data storage	Up to 15,000 results including histograms can be stored on an SD card.
LCD display	5.7 inch 240 × 320 dots TFT-LCD
Dimensions	230 W × 450 D × 428 H (mm)
Weight	Approx. 20 kg

Reagents, Controls, Calibrator

Hematology control
MEK-3DN (normal)
MEK-3DL (low)
MEK-3DH (high)
(2mL)

Calibrator
MEK-CAL
(2mL)

Hemolyzing reagent for CBC
HEMOLYNAC·3N
Cyanide-free

Diluent
ISOTONAC·3

Detergent
CLEANAC

Detergent (Bleach)
CLEANAC·3

Option

SD card
QM-002D
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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