

Glucose analyser GA 3



NEW

The GA 3 from
KABE LABORTECHNIK

for a precise determination
of glucose and lactate values

Precise, fully automated, quick and economical – the GA 3!

The GA 3 represents a further development of the well-established GlucoseAnalyser series of KABE LABORTECHNIK.

Glucose and lactate measurements can now be carried out quickly and precisely from one test vessel with haemolysed blood. For this purpose a simple replacement of the corresponding thick-film electrode and the standard vessel is necessary.

A colour touch screen facilitates a simple and intuitive operation of the device, and provides an optimal access to all functions and protocols.

The division of the sample plate into four exchangeable racks simplifies the sample preparation enormously. After blood sampling the sample tubes can immediately be inserted into the racks and sent to the laboratory for processing (transportation via a pneumatic postal system is possible).

Analysing solutions are available in pre-filled, closed vessels. After the addition of the blood sample they are processed fully automated.

The measurement values are displayed clearly on the colour touch screen, printed out via the integrated printer, saved in the device and may be transferred to the laboratory EDP via RS 232 interface or Ethernet connection (optional). The GA 3 is available with a bar code scanner on request.



The advantages at a glance!

- Glucose and lactate measurement
- Simple and intuitive operation via colour touch screen
- Integrated printer
- Direct connection to the laboratory EDP via Ethernet output (optional)
- Economical sample preparation due to exchangeable racks



- Uncomplicated and quick exchange of consumables, e.g. system solution
- Low maintenance



What does the new GA 3 offer?



- Determination of glucose and lactate values
- Self-explanatory menu
- Easy operation via colour touch screen
- Self-monitoring system
- Integrated thermal printer with easy loading technique
- User languages German and English; other languages (optional)
- EDP-interface RS 232 and Ethernet (optional)
- Bar code reading (optional); all standard bar code types readable, mixed operation with 4 code types possible
- Sampling from closed test vessels
- Detection and duplicate determination of pathological samples
- Sample plate consisting of 4 individual racks, each designed for 11 test vessels or sample plate as a unit (optional)
- Separated emergency sample position
- 2 control positions
- Statistics of controls
- Data memory
- Measuring speed adapted to the electrodes
- Analyses counter
- Minimum effort for maintenance and the replacement of the thick-film electrode, tubes and seals

Technical data

Measurement principle:	enzymatic-amperometric
Sample material:	haemolysed whole blood
Required blood volume:	20 µl
Measuring range:	Glucose 9-900 mg/dl or 0.5-50 mmol/l, Lactate 4.5-270 mg/dl or 0.5-30 mmol/l
Measurement errors:	≤ 1.5% at 216.2 mg/dl or 12 mmol/l
Sample throughput:	120 analyses/h
Sample plate:	1 calibrating position K, 2 control positions C1 and C2, 44 sample positions, 1 emergency sample position E
Data memory:	1,500 results
Operation:	colour touch screen
Languages:	German and English; other languages (optional)
Bar code scanner (optional):	4 code types in mixed operation feasible
EDP-interface:	RS 232 and Ethernet (optional)
Power supply:	230/115 V, 50/60 Hz
Power consumption:	60 VA
Ambient temperature:	+15 to +35°C
Relative humidity:	25 - 75%
Dimensions (w x h x d):	385 x 220 x 520 mm
Space requirement (w x h x d):	395 x 400 x 520 mm
Weight:	11 kg



Consumables



- Ready-for-use system solution, 0.5 l bottle or 5 l container
- Pre-filled vessels with calibration liquid
- Pre-filled vessels with end-to-end plastic capillaries for the haemolysation method
- Long-life thick-film electrode
- Printer paper

KABE LABORTECHNIK – because health is a matter of trust!



Complete range of products supplied by KABE LABORTECHNIK:

- Treated blood collection
- Multiple sampling adapters
- Cannulae
- Treated test tubes and reaction vessels
- Pre-filled blood sugar vessels
- Capillary blood collection
- Untreated tubes and test vessels
- Serum/plasma filter and distributors
- Urine cups
- Urine collection
- Urine collection bottles
- Faeces tubes
- Cuvettes
- Pipette tips
- Dropper pipettes
- Glass and plastic capillaries with accessories
- Sedimentation racks
- Racks for test tubes and reaction vessels
- Decapper
- Blood lancets
- Stirring spatulae
- Disposal bags and boxes
- Tissue embedding cassettes
- Pathology vessels
- Despatch containers
- Mixers for blood samples
- Glucose analyser
- Blood sedimentation instruments
- Flabs for teletherapy
- Flabs for afterloading therapy

Please ask for our complete catalogue.

KABE LABORTECHNIK GmbH
Jägerhofstraße 17
D-51588 Nümbrecht-Elsenroth
Phone: +49 2293 596
Fax: +49 2293 3823
info@kabe-labortechnik.de
www.kabe-labortechnik.de

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