

HemoCue® Glucose 201 RT System



Accurate answers with full confidence

Glucose 201 RT

The HemoCue® Glucose 201 RT System puts lab-quality answers in health professionals' hands when they're needed most – at the point of care. Not only does the unique microcuvette technology enable accuracy in just three simple steps, but it also reduces contamination risks.

Enables right decisions at the point of care

- For screening, monitoring and aid in diagnosis of diabetes mellitus
- Precise monitoring for better glycemic control

Reduces margins of error and risks of infection

- Microcuvette technology means no need to bring analyzer near patients, reducing the risk of spreading infection
- Individually wrapped microcuvettes to minimize contamination and maximize shelf-life
- Minimal lot-to-lot variation
- Factory calibrated analyzers, means no need to recalibrate

Offers convenience and flexibility

- Portable and battery-operated system with room temperature microcuvette storage, ideal for mobile settings

HemoCue® Glucose 201 RT System

Specifications

Principle

Modified glucose dehydrogenase in which the total amount of glucose is measured at the end point photometrically

Calibration

Factory calibrated and traceable to the ID GC-MS method; needs no further calibration and no coding

Sample material

Capillary, venous or arterial whole blood

Measurement range

Plasma equivalent values: 0.61-30.8 mmol/L (11-555 mg/dL)
Whole blood values: 0.55-27.8 mmol/L (10-500 mg/dL)

Results

Within one minute for normal glucose levels

Sample volume

< 4 µL

Dimensions

160 × 85 × 43 mm (6.30 × 3.35 × 1.69 inches)

Weight

350 g (0.77 pounds) with batteries installed

Storage temperature

Analyzer: 0-50 °C (32-122 °F)
Microcuvettes: 0-30 °C (32-86 °F)

Operating temperature

15-27 °C (59-80 °F)

Power

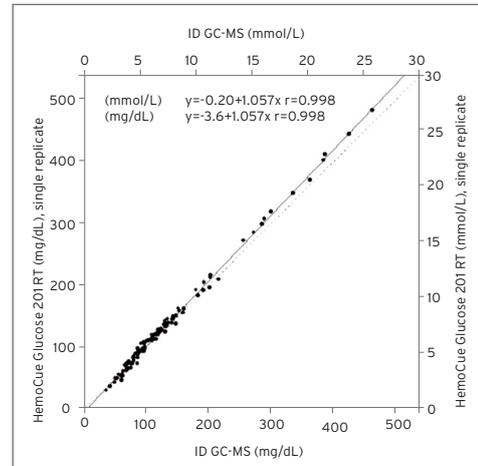
AC Adapter or 4 AA batteries

Interface

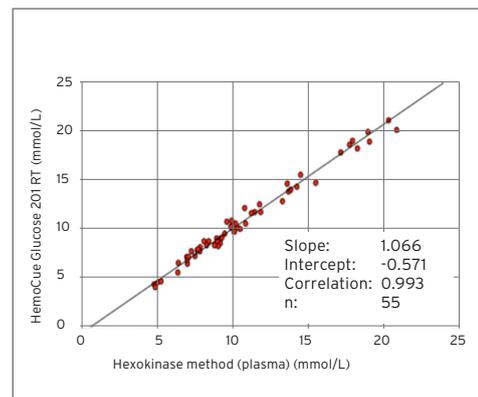
Printer and HemoCue® Basic Connect including optional barcode scanner. Data transfer using Bluetooth® technology is possible via HemoCue® BT Connect (accessory)

Quality control

Built-in self-test; system can be verified using liquid controls

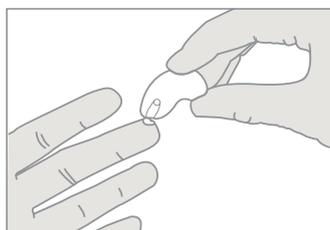


Venous EDTA samples measured on HemoCue Glucose 201 RT as single replicate versus ID GC-MS mean values.



Method comparison in capillary whole blood compared with calculated plasma reference method values. Evaluation of HemoCue Glucose 201 RT performed by Dr ir. R.J. Slingerland (PhD) at Isala Clinics, Zwolle, The Netherlands.

Three simple steps



1 Fill microcuvette.



2 Place microcuvette into analyzer.



3 View results (either in mmol/L or mg/dL).