



QUO-TEST™

The Quo-Test™ A1C System is intended for the *in vitro* quantitative determination of glycated haemoglobin (HbA1c) in whole blood obtained from a finger prick or venous whole blood sample collected into EDTA tubes.

It is used for monitoring long term glycaemic levels in patients diagnosed with diabetes, thus aiding management and treatment.

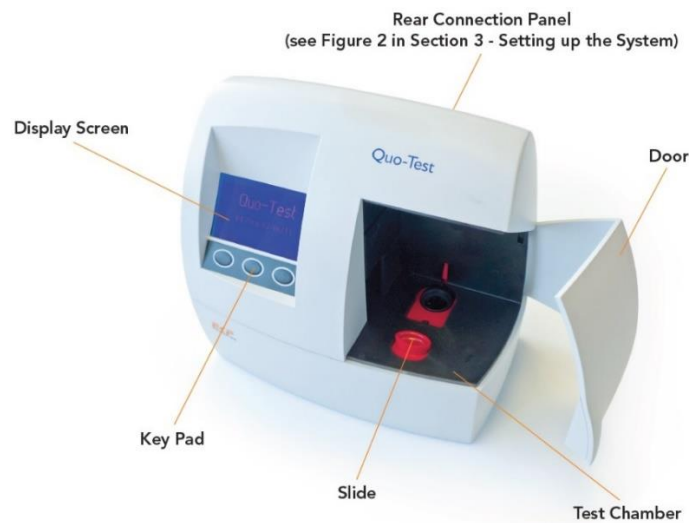
Operating Principle

The arrangement of two light sources and associated detectors allow the Quo-Test™ Analyser to be used as a dual channel spectrophotometer / fluorimeter. This allows the analyser to be used either to measure changes in optical density as used in immunoturbidimetric assays or changes in light transmission from specific fluorophores as they interact with analytes of interest e.g. HbA1c.

Storage and Stability

Analyser and consumables	Operating temperature (°C)	Storage temperature (°C) & Shelf Life	Time to bring to Operating temperature
Analyser	18 to 30 °C or according to Test Cartridge temperature range	-20-50 °C	If the device has been stored under excessive conditions, allow at least 30 minutes at room temperature (18-30 °C) for the device to equilibrate.
Test Cartridges	Room Temperature (15-25 °C)	2-8°C until expiry. Room temperature (15-25 °C) for 30 days	Minimum of 40 minutes to equilibrate to the Analyser's operating temperature
Quo-Test™ Control Solution	2-8°C	2-8°C until expiry. Once reconstituted use within 15 days when stored at 2-8°C	Use immediately from refrigerator

Quo-Test™ Analyser Components



Test Procedure



- When the Quo-Test™ analyser displays the home screen with 'Quo-Test', the time and date, the analyser is ready to run a test.



- Before using a new lot of test cartridges, scan the calibration barcode that is printed on the inner flap of the carton. Place the barcode scanner over the calibration barcode and press the barcode scanner button until you hear a beep.



- When ready to perform the analysis, carefully open the pouch and remove the Test Cartridge. Do not handle the lower part of the cartridge containing the liquid. Do not use the cartridge if condensation is present.



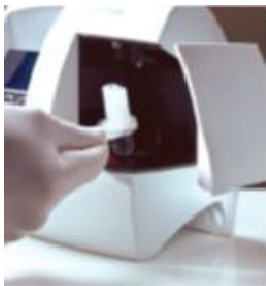
- Use a single use lancet on the patient's finger to get a droplet of blood. The Quo-Test™ can be used with either venous whole blood collected with EDTA or with a finger prick blood sample.



- Lightly touch the pointed top of the Blood Collector to the top surface of the droplet of blood, as per the image. The blood will be taken up by the collector. The blood must completely fill the slot.



- Place the Blood Collector into the free cavity on the top of the Test Cartridge.



- After the Test Cartridge is prepared, open the door of the analyser and place the cartridge into the test chamber, making sure that the Test Cartridge is firmly seated.



- Pull the red slide towards the front of the analyser and close the door. The test will start automatically.



- When the test has finished the result will be displayed on the screen. Open the door and push the red slide towards the rear of the analyser. Remove the used cartridge and dispose of it as clinical waste.