

Blood Glucose Monitoring Systems

Accu-Chek[®] Instant specification

Compatible test strip / test cassette

Instant Test Strip

Lancing device & lancets

Accu-Chek FastClix finger pricker provides easy lancing with a 1-Click action to prime and release

Drum of 6 preloaded lancets—no individual lancets to see or touch

ISO Compliance

Accu-Chek Instant system fully conforms to the requirements of EN ISO 15197:2015 & ISO 15197:2013

Expiry date of cassette / test strips

Test strip expiry is typically 18 months from production and is printed on the test strip vial

Technical specifications

Special features

The intuitive Target Range Indicator (TRI) is designed to help users identify and correctly interpret high and low glucose levels

Display

LCD. Includes a visual Target Range Indicator: the test result includes an arrow that shows if the test result falls above, within, or below the target range

Display size

33mm (H) x 30mm (W)

Memory capacity

Memory can store 720 tests including 7, 14, 30 & 90 day averages.

It is not possible to manually delete the readings from ANY Accu-Chek meter, however once the memory capacity is reached, adding a new result causes the oldest one to be deleted

Coding

No coding is required

Set up

Only time & date set up required. Ready to use straight out of the box

Test strip ejector

Yes

Weight of blood glucose meter

Approximately 40 g (with batteries)

Continued over



Accuracy you can trust

Technical specifications (cntd.)

Size of blood glucose meter

77.1 mm length × 48.6 mm width × 15.3 mm height

Storage temperature range (meter)

Store meter only at a temperature between minus -25°C and +°C70

Storage temperature range system (meter with batteries & strips)

4°C to 45°C

Operating temperature (meter & cassette/ test strips)

4°C to 30°C

System specifications

Measures only in mmol/L units

All Accu-Chek meters are pre-set to measure in mmol/L and this cannot be changed

Measurement range

0.6-33.3 mmol/L

Enzyme system

FAD glucose dehydrogenase (GDH), electrochemical

Sample size

0.6 µL. Instant test strip design has a large dosing area which allows a small blood sample to be applied anywhere on the wide yellow edge

Blood Sample Types

Capillary, venous, arterial, neonatal

Under-fill detection

Yes. On detection the Accu-Chek Instant meter gives the following error message: 'E-4'. A retest must be done

System specifications (cntd.)

Measurement time

< 4 Seconds

Haematocrit range

10-65%

Connectivity

Connectivity

The Accu-Chek Instant system is Bluetooth® enabled, allowing wireless transfer of blood glucose results to the mySugr® app. The mySugr app is free for Accu-Chek Instant users. Features include CSV, PDF or Excel reports. Logbook, Graphs, Charts, Photo Functions and Challenges. Users can also download reports and send them electronically to Healthcare Professionals. mySugr offers connectivity to RocheDiabetes Care Platform. The Accu-Chek Instant meter also has a USB port to enable connectivity via a cable to a Personal Computer (PC)

Ability to flag pre and post meal results

Within the mySugr app, every blood glucose result can have the multiple tags added to it. Including before meal, after meal flags, as well as actual photos of the meal itself too. There are 64 standard icon tags which can be selected which include types of activity, medication, moods, and other lifestyle events and situations (eating out, menstruation, travelling). Additional notes can also be added to provide further details

Alarm reminders

Within the mySugr app, users can set alarm reminders and notifications

Suitability for carb counting patients

Yes, when connected to the mySugr app. The mySugr app contains a insulin calculator which is licenced for adults aged 18 years and above

For more information
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