

Blood Glucose Monitors

Name (Manufacturer/Distributor)	Size (inches)	Weight (ounces)	Test Strip Used	Sample Size (microliters)	Test Time	Battery
Accu-Chek Active (Roche)	4.6 X 1.07 X 0.9	2.01 without battery	Accu-Chek Active	1.0	5 sec.	(1) CR2032 3-volt lithium coin
Accu-Chek Advantage (Roche)	3.3 X 2.8 X 0.8	1.8 without battery	Accu-Chek Comfort Curve	4.0	26 sec.	(1) CR2032 3-volt lithium coin
Accu-Chek Aviva (Roche)	3.7 X 2.0 X 0.86	2.11 with battery	Accu-Chek Aviva	0.6	5 sec.	(1) CR2032 3-volt lithium coin
Accu-Chek Compact Plus (Roche)	4.4 X 1.9 X 1.2 (without lancing device)	5.2 with batteries, lancing device, and test drum	Accu-Chek Compact	1.5	5 sec.	(2) AAA
Advance Intuition (Arkray)	3.9 X 2.3 X 0.8	2.2 with battery	Advance Intuition	3.0	10 sec.	(1) CR2032 3-volt lithium coin
Advocate Meter 4223A Speaking Version 4223B Non-Speaking Version (Diabetic Supply of Suncoast)	3.5 X 1.75 X 0.7	2.6 with batteries	Advocate	0.7	7 sec.	(2) AAA
Advocate Redi-Code 4223E Speaking Version 4223F Non-Speaking Version (Diabetic Supply of Suncoast)	3.5 x 1.75 x.07	2.6 with batteries	Advocate Redi-Code	0.6	7 sec.	(2) AAA
Breeze 2 Blood Glucose Monitoring System (Bayer HealthCare)	2.5 X 4.1 X 1.0	2.5 with battery	Breeze 2	3.0	5 sec.	(1) CR2032 3-volt lithium coin
Contour Blood Glucose Monitoring System (Bayer HealthCare)	3.0 X 2.2 X 0.7	1 with batteries	Contour	0.6	5 sec.	(2) CR2032 3-volt lithium coin
Eclipse (Infopia)	2.91 X 2.12 X 0.79	1.9 with battery	Infopia	1.0	5 sec.	(1) CR2032 3-volt lithium coin
Element (Infopia)	2.99 X 2.20 X 0.70	1.5 with batteries	Infopia	0.3	3 sec.	(2) CR2032 3-volt lithium coin
Fifty50 Control Blood Glucose Monitoring System (Fifty50 Medical)	3.6 X 2.1 X 0.9	1.9 with battery	Control	1.0	5 sec.	(1) CR2032 3-volt lithium coin

	Warranty	How Calibrated	Control Solution	Features
	3 years	Snap-in code key	Yes	Alternate site testing. Memory holds last 200 blood glucose test results. Ability to average last 7 and 14 days of glucose readings. Downloadable test results. Toll-free call center available 24 hours a day, 7 days a week with multilingual representatives.
	3 years	Snap-in code key	Yes	Holds 400 past glucose tests in its memory. 7-, 14-, and 30-day glucose test averaging. Downloadable test results. Toll-free call center available 24 hours a day, 7 days a week with multilingual representatives. Has latex-free rubber grips and large strips.
	3 years	Snap-in code key	Yes	Alternate site testing. Memory contains past 500 blood glucose tests with 7-, 14-, and 30-day test averaging. Programmable test reminders. Downloadable test results. Toll-free call center available 24 hours a day, 7 days a week with multilingual representatives.
	3 years	Auto coding	Yes	Alternate site testing. Memory of past 300 blood glucose tests. Ability to average 7, 14, and 30 days of glucose tests. Has programmable test reminders and high and low glucose indicator. Downloadable test results. Eleven depth settings to reduce skin tearing. Contains 17 preloaded test strips. Toll-free call center available 24 hours a day, 7 days a week with multilingual representatives.
	5 years	Code chip	Yes	Memory keeps track of past 10 glucose tests. One-button memory recall. Has a large display screen and uses Guide-Me-Curve strips, which guide the finger to the application site.
	1 year	Built-in button	Yes	Alternate site testing. Memory stores 450 past tests. Ability to average 7, 14, 21, 28, 60, and 90 days of blood glucose tests. Has a high and low glucose indicator. Downloadable software and training videos available.
	1 year	Auto coding	Yes	Alternate site testing. Memory holds 450 past glucose tests. Ability to calculate averages for 7, 14, 21, 28, 60, and 90 days of blood glucose tests. Downloadable software and training videos available. Two models available. The 4223E speaks results in English and/or Spanish. The 4223F is the non-speaking version. Large display screen.
	5 years	Auto coding	Yes	Alternate site testing. Holds 420 past tests in its memory. Calculates 1-, 7-, 14-, and 30-day averages. Downloadable test results. Performs 10 tests without reloading. No cleaning necessary.
	5 years	Auto coding	Yes	Alternate site testing. 480-test memory with 7-, 14-, and 30-day averaging. Has programmable test reminders and high/low glucose indicator. Downloadable test results with WinGlucoFacts data management software.
	3 years	Button	Yes	Holds 365 tests in its memory. Has five programmable test reminders. Downloadable test results. Able to designate meals and activities based upon test results.
	3 year	Auto coding	Yes	Offers a 365-test memory. Has five programmable test reminders. Downloadable test results. Able to designate meals and activities based upon test results.
	Lifetime	Plasma equivalent	Yes	Alternate site testing. Comes with a memory of 250 past tests. Able to calculate 7- to 90-day test averages. Downloadable test results.



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FreeStyle Freedom Lite (Abbott Diabetes Care)	3.3 X 2.0 X 0.66	1.5 with battery	FreeStyle Lite	0.3	5 sec. average	(1) CR2032 3-volt lithium coin
FreeStyle Lite (Abbott Diabetes Care)	1.57 X 2.9 X 0.65	1.4 with battery	FreeStyle Lite	0.3	5 sec. average	(1) CR2032 3-volt lithium coin
Glucocard X-Meter (Arkray)	2.0 X 3.9 X 0.5	1.6 with battery	Glucocard X-Sensor	0.3	5 sec.	(1) CR2032 3-volt lithium coin
GlucoCom Code Free (GlucoCom)	3.2 X 2.4 X 0.8	1.71 with battery	GlucoCom Code Free	0.7	7 sec.	(1) CR2032 3-volt lithium coin
Nova Max (Nova Biomedical/Sanvita)	3.6 X 2.3 X 0.9	2.65	Nova Max	0.3	5 sec.	(1) CR2032 3-volt lithium coin
Nova Max Link (Nova Biomedical/Sanvita)	3.6 X 2.3 X 0.9	2.65	Nova Max	0.3	5 sec.	(1) CR2450 3-volt lithium coin
OneTouch UltraLink (LifeScan)	3.5 X 2.4 X 1.0	3 with batteries	OneTouch Ultra	1.0	5 sec.	(2) AAA alkaline
OneTouch UltraMini (LifeScan)	4.25 X 1.26 X 0.67	1.2 with battery	OneTouch Ultra	1.0	5 sec.	(1) CR2032 3-volt lithium coin
OneTouch Ultra2 (LifeScan)	3.12 X 2.25 X 0.9	1.5 with batteries	OneTouch Ultra	1.0	5 sec.	(2) CR2032 3-volt lithium coin
OneTouch UltraSmart (LifeScan)	3.8 X 2.3 X 0.9	2.8 with batteries	OneTouch Ultra	1.0	5 sec.	(2) AAA alkaline
PocketChem EZ (Arkray)	3.15 X 2.56 X 0.63	1.5 with battery	PocketChem EZ	1.0	10 sec.	(1) CR2032 3-volt lithium coin

	Warranty	How Calibrated	Control Solution	Features
	5 years	Auto coding	Yes	Alternate site testing. Holds 400 past tests in its memory. Capable of averaging past 7, 14, or 30 days of glucose tests. Has four programmable test reminders. Downloadable data. Compatible with Co-Pilot health management system and has a large display screen.
	5 years	Auto coding	Yes	Alternate site testing. Offers a 400-test memory with 7-, 14-, and 30-day averaging. Has four programmable test reminders. Downloadable test results. Has backlight display and test port light.
	5 years	Auto coding	Yes	Alternate site testing. Holds 360 tests in its memory. Averages 14 and 30 days of glucose readings. Has a high and low glucose indicator. Downloadable test results.
	3 years	Auto coding	Yes	Alternate site testing. Holds 450 past glucose tests in its memory and averages 7, 14, 21, 28, 60, and 90 days of glucose readings. Has a high and low glucose indicator. Downloadable test results; they can be uploaded to a secure Web portal for physician review.
	3 years	Auto coding	Yes	Memory stores 400 past glucose tests. Averages 1, 7, 14, and 30 days of glucose tests. Ergonomically designed. Large screen display. Alternate site testing. Downloadable test results using Nova Diabetes software.
	3 years	Auto coding	Yes	Memory stores 400 past glucose tests. Averages 1, 7, 14, and 30 days of glucose tests. Ergonomically designed. Large screen display. Alternate site testing. Downloadable test results using Nova Diabetes software. Nova Max Link communicates to the Medtronic Paradigm 512, 712, and higher insulin pumps.
	3 years	Built-in button	Yes	Keeps memory of past 500 glucose tests. Ability to calculate last 7-, 14-, and 30-day glucose averages. Alternate site testing. Downloadable test results with OneTouch software and Carelink Personal. Wirelessly communicates test results to the MiniMed Paradigm 512/712, 515/715, and 522/722 insulin pump. Ability to flag results as "before" or "after" meal.
	3 years	Built-in buttons	Yes	Holds a memory of 500 past blood glucose tests. Alternate site testing. Two-way button scrolling. Large screen.
	3 years	Built-in buttons	Yes	Holds 500 past tests in its memory. Before- and after-meal averages for the past 7, 14, and 30 days. Ability to flag results with comments. Alternate site testing. Downloadable test results with OneTouch diabetes management software. Two-way scroll buttons. Built-in backlight.
	3 years	Built-in buttons	Yes	Stores 3,000 past tests in its memory. 7-, 14-, 30-, 60-, and 90-day test averaging. Alternate site testing. Downloadable test results with OneTouch diabetes management software. Warning to check ketones at 240 to 600 mg/dl.
	5 years	Code chip	Yes	250-test memory with time and date stamp. 14- and 30-day test averaging. Alternate site testing. Downloadable test results.



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Precision Xtra (Abbott Diabetes Care)	2.94 X 2.1 X 0.64	1.48 with battery	Precision Xtra	1.5	5 sec. glucose; 10 sec. ketones	(2) AAA (1) CR2032 3-volt lithium coin
Prodigy Autocode Meter (Diagnostic Devices)	1.79 X 3.79 X 1.0	2.76 with batteries	Prodigy Autocode	0.6	6 sec.	(2) AAA
Prodigy Voice (Diagnostic Devices)	3.74 X 2.17 X 0.71	2.76 with batteries	Prodigy Voice	0.6	6 sec.	(2) AAA
ReliOn Ultima (Wal-Mart Pharmacies)	2.94 X 2.1 X 0.64	1.48 with battery	ReliOn Ultima	0.6	5 sec.	(1) CR2032 3-volt lithium coin
Rightest GM300 (Bionime)	3.3 X 2.3 X 0.86	2.9	Rightest GS 300	1.4	8 sec.	(2) AAA
Sidekick (Home Diagnostics)	1.7 X 1.5 X 2.5	1.6 with battery	Built in	1.0	<10 sec.	Built in
True2Go (Home Diagnostics)	1.7 X 1.46 X 0.89	0.63 with battery	TrueTest	0.5	4 sec.	(1) CR2032 3-volt lithium coin
TrueResult (Home Diagnostics)	3.44 X 2.16 X 0.69	1.75 with battery	TrueTest	0.5	4 sec.	(1) CR2032 3-volt lithium coin
TrueTrack (Home Diagnostics)	3.5 X 2.1 X 0.67	1.8 with battery	TrueTrack Smart System	1.0	10 sec.	(1) CR2032 3-volt lithium coin
WaveSense Jazz (AgaMatrix)	3.3 X 1.8 X 0.7	1.59 with batteries	WaveSense Jazz	0.5	4 sec. average	(2) CR2032 3-volt lithium coin
WaveSense KeyNote (AgaMatrix)	2.8 X 1.6 X 0.6	1.56 with batteries	WaveSense KeyNote	0.5	4 sec. average	(2) CR2032 3-volt lithium coin
WaveSense KeyNote Pro (AgaMatrix)	3.4 X 1.75 X 0.6	1.81 with batteries	WaveSense KeyNote	0.5	4 sec. average	(2) CR2032 3-volt lithium coin
WaveSense Presto (AgaMatrix)	3.0 X 1.7 X 0.6	1.65 with batteries	WaveSense Presto	0.5	4 sec. average	(2) CR2032 3-volt lithium coin

	Warranty	How Calibrated	Control Solution	Features
	Lifetime	Calibrator in each box of test strips	Yes	Measures both blood glucose and blood ketone levels. Stores 450 past tests in its memory. 7-, 14-, and 30-day glucose averaging. Alternate site testing. Downloadable test results. Backlit display. TrueMeasure technology minimizes effects of agents like Tylenol, vitamin C, and uric acid for glucose-specific results.
	1 year	Auto coding	Yes	Holds 450 past tests in its memory. 7-, 14-, 21-, 28-, 60-, and 90-day averaging. Audio in English and Spanish. Alternate site testing. Downloadable test results.
	1 year	Auto coding	Yes	Audible meter (English and Spanish) talks user through setup, testing, and results. Stores memory of 450 past tests. Audible averages available for 7, 14, 21, 28, 60, and 90 days. Alternate site testing. Downloadable data.
	1 year	Calibrator on each box of strips	No (available via toll-free number)	Holds memory of past 450 glucose tests. Averages glucose results for 7, 14, and 30 days. Alternate site testing. Large display and Spanish language capability. Downloadable test results.
	5 years	Snap-in smart code key	Yes	Holds memory of past 300 glucose tests. Averages glucose readings for last 1, 7, 14, and 30 days. Alternate site testing. Downloadable test results. Large strip is easy to handle. Large display screen.
	N/A	Auto coding	No	Sidekick is a vial of 50 test strips with built-in blood glucose monitor on the top. Stores past 50 test results in memory. Alternate site testing. Discard vial when empty (or upon expiration date).
	Lifetime	Auto coding	Yes	The True2Go blood glucose meter twists onto the top of a test strip vial. Contains data on past 99 tests in its memory. Alternate site testing.
	Lifetime	Auto coding	Yes	Holds last 500 tests in its memory. Computes 7-, 14-, and 30-day averages. Can set up to four daily test reminders. Alternate site testing.
	5 years	Code chip	Yes	Holds 365 past glucose tests in its memory. Averages past 14 and 30 days of blood glucose readings. Downloadable test results. Alternate site testing.
	Yes	Auto coding	Yes	Memory stores data on past 1,865 tests. Mealtime and 14-, 30-, and 90-day averages. Large rubber grips. Backlit display. Seven alarms, including hypo- and hyperglycemic alerts. Downloadable test results. Alternate site testing.
	Yes	Code	Yes	Memory stores data on past 300 tests. Mealtime and 14-, 30-, and 90-day averages. Large rubber grips. Backlit display. Six alarms, including hypo- and hyperglycemic alerts. Downloadable test results. Alternate site testing.
	Yes	Code	Yes	Contains a memory of past 300 blood glucose tests. 14-, 30-, and 90-day averaging. Alternate site testing. Downloadable test results.
	Yes	No code	Yes	Stores past 300 glucose test results in memory. Averages past glucose readings for 14, 30, and 90 days. Alternate site testing. Downloadable test results.