Blood Glucose Meter Comparison Chart

Manufacturer	Abbott Diabetes Care Inc.	Abbott Diabetes Care Inc.	Abbott Diabetes Care Inc.	Bayer	Bayer	Home Diagnostics	Home Diagnostics	Home Diagnostics
Meter	FreeStyle Freedom	FreeStyle Flash	Precision Xtra	Breeze 2	Contour	Walgreens (True Track Smart System)	Walgreens (Sidekick)	Walgreens (Prestige)
Technology	Coulometry	Coulometry	Electrochemical	Electrochemical	Electrochemical	Biosensor	Electrochemical	Reflectance
Battery	3-volt Li CR 2032 (1)	3-volt Li CR 2032 (1)	AAA (2)	3-volt Li (1)	3-volt Li (2)	CR 2032 (1)	Built into meter and never needs to be changed	AAA
Strips	Freestyle 50s & 100s	Freestyle 50s & 100s	Precision Xtra 50s & 100s	Breeze 2 50s & 100s (Ascensia Autodisc will work in Breeze 2 meter)	Contour 50s & 100s (Ascensia MICROFILL will work in CONTOUR meter)	Walgreens True Track 50s & 100s	Comes with 50 Walgreens True Track test strips	Walgreens Prestige 50s & 100s
Testing Time/ Sample Size	5 sec/0.3 uL	7 sec/0.3 uL	5 sec/0.6 uL	5 sec countdown/1 uL	5 sec/ 0.6 uL	10 sec/1 uL	5 sec/1 uL	10-50 sec/4 uL
Alternate Site Testing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Cleaning Required	No	No	No	No	No	No	No	Yes
Meter Calibration	Manual	Manual	Automatic—Smart Chip	Automatic	Automatic	Check strip	Automatic	Check strip
Download Capability/ Memory	Yes/250	Yes/250	Yes/450	Yes/420	Yes/480	Yes/365	No	Yes/365
Software	Precision Link 2.6	Precision Link 2.6	Precision Link 2.6	WinGLUCOFACTS	WinGLUCOFACTS	www.thesmartchoice.com	No	www.thesmartchoice.com
Strip Shelf-Life (after opening)	Date on vial	Date on vial	Date on foil packet	Date on foil packet	6 months	3 months	120 Days	3 months
Features	Virtually pain-free testing. Largest numeric display of any leading meter makes it easy to read. Ergonomic design makes it easy to hold. 4 programmable alarms. 14-day result average. 60-second sample reapplication time.	Backlit display. 4 daily alarms. Free data cable via mail-in offer. Unaffected by differences in oxygen or high levels of interfering substances. Can fill strip from either side. Can reapply sample for up to 60 seconds.	True Measure Technology. Blood glucose and blood ketone testing. Simple, easy-to-use, easy-to-read meter. New Smart Chip calibration, 5-second blood reapplication time. Strip technology designed to minimize effects on common interfering substances.	No coding required. Automatically draws blood into strips. Automatic underfill detection.10-test disc. No individual test strip holding. Received Ease-of-Use Commendation from the Arthritis Foundation. Breeze 2 test strips will only work with Breeze 2 meter.	No coding required. Quick & easy pre/post meal test markings with post-meal test reminder alarm. Automatic hematocrit correction, underfill detection, control marking & temperature control ensure accuracy. 7-day Hi/Lo Test Result summary.	Chip coding capillary action. Audible test strip fill detection.	Disposable after 50 tests. Vial of 50 test strips with built-in meter. Great second meter for the gym, work, school, babysitters, etc.	Easy-to-read screen. Large, easy-to-handle test strips.
Contact Info/ Support	1-888-522-5226 24h/7d/week Spanish	1-888-522-5226 24h/7d/week Spanish	1-800-527-3339 24h/7d/week 140-plus languages	1-800-348-8100 24h/7d/week Spanish	1-800-348-8100 24h/7d/week Spanish	1-800-342-7226 24hr/7d/week Spanish	1-800-342-7226 24h/7d/week Spanish	1-866-IQ METER or 1-800-342-7226 24h/7d/week Spanish

Manufacturer	LifeScan, Inc.	LifeScan, Inc.	LifeScan, Inc.	LifeScan, Inc.	Roche	Roche	Roche
Meter	OneTouch® Ultra®2	OneTouch® Ultra®	OneTouch® UltraSmart®	OneTouch® UltraMini®	Accu-Chek Aviva	Accu-Chek Advantage	Accu-Chek Compact Plus
Technology	Biosensor	Electrochemical	Electrochemical	Electrochemical	Electrochemical	Electrochemical	Reflectance
Battery	3-volt Li CR 2032 (2)	3-volt Li	AAA (2)	3-volt Li CR 2032 (1)	3-volt Li (1) CR 2032	3-volt Li (3) CR 2032	AAA (2)
Strips	OneTouch® Ultra® 25s, 50s & 100s	OneTouch® Ultra® 25s, 50s & 100s	OneTouch® Ultra® 25s, 50s & 100s	OneTouch® Ultra® 25s, 50s & 100s	Accu-Chek Aviva 50s & 100s	Accu-Chek Comfort Curve 50s & 100s	Accu-Chek Compact Drums 51s & 102s
Testing Time/ Sample Size	5 sec/1 uL	5 sec/1 uL	5 sec/1 uL	5 sec/1 uL	5 sec/0.6 uL	25 sec/4 uL	5 sec/1.5 uL
Alternate Site Testing	Yes	Yes	Yes	Yes	Yes	No	Yes
Cleaning Required	No	No	No	No	No	No	Yes
Meter Calibration	Check strip	Check strip	Check strip	Check strip	Code Key	Code Key	Automatic
Download Capability/ Memory	Yes/500	Yes/150	Yes/>3000	No/50	Yes/500	Yes/480	Yes/300
Software	OneTouch® Diabetes Management Software (DMS)	OneTouch® Diabetes Management Software (DMS)	OneTouch® Diabetes Management Software (DMS)	N/A	Compass/ Camit Pro	Compass/ Camit Pro	Compass/ Camit Pro
Strip Shelf-Life (after opening)	3 months	3 months	3 months	3 months	Date on vial	Date on vial	Date on vial
Features	Meter can flag results as before or after meal. Flagged results are automatically stored as before- or after-meal averages. Includes Simple Start™ Diabetes + Food 20-minute DVD and booklet.	Easy-to-read screen. Small meter size. Fast test time. Includes Simple Start™ educational booklet.	Input daily activities. Chart, graph and track trends. Meter size is small. Automatically organizes before- and after-meal results. Backlight. Fast test time. Includes Simple Start™ Diabetes + Insulin educational booklet.	Small, lightweight, and easy to handle. Large, easy-to-read display and fast test time. Simple three-step testing. Includes Simple Start™ educational booklet.	Wide-mouth test strips for easier blood application. Touchable test strip. Preset time and date with battery back-up. Comes with Accu-Chek Multiclix Lancing Device.	Curved strip guides finger to target area for easier blood application. Bold, easy-to-read display. Easily used by the patient with visual or dexterity issues.	All-in-one convenience with no strip handling. The one with the drum. Simple to use for the patient with physical or dexterity issues. No coding. Lancet device can be attached or detached from meter.
Contact Info/ Support	1-800-227-8862 24h/7d/week Spanish: 1-800-381-7226	1-800-227-8862 24h/7d/week Spanish: 1-800-381-7226	1-800-227-8862 24h/7d/week Spanish: 1-800-381-7226	1-800-227-8862 24h/7d/week Spanish: 1-800-381-7226	1-800-858-8072 24h/7d/week Many languages	1-800-858-8072 24h/7d/week Many languages	1-800-858-8072 24h/7d/ week Many languages