

Blood Glucose Monitor Comparison*

Last Updated September 2006

Meter	Drop size required	Range of Measurement (mg/dL)	Test Time (seconds)	Strip used	Computer Downloadable	Approved for Alternate site testing**	Battery used (number)	Code calibration required	Number of values stored in memory	Other Features or disadvantages
Accu-Chek Active www.accu-chek.com	Small (1 mL)	10 - 600	5	Accu-Chek Active	Yes (can also transfer data to PDA)	Yes	3V (2) CR2032	Yes (code key)	200	Small, fast, strips less expensive, minor cleaning needed
Accu-Chek Aviva www.accu-chek.com	Small (0.6 mL)	10-600	5	Accu-Chek Aviva	Yes	Yes	3V (1) CR2032	Yes (code key)	500	Fast, Multiclix lancet device, can flag test results, Hypoglycemic Indicator, 198 automatic checks
Accu-Chek Advantage www.accu-chek.com	Medium (4 mL)	20 - 600	25	Accu-Chek Comfort Curve	Yes	No	AAA (2)	Yes (code key)	100	No regular cleaning, Voicemate attachment to aid visually impaired
Accu-Chek Compact Plus www.accu-chek.com	Medium (1.5 mL)	10-600	5	Accu-Chek Compact Drum	Yes (can also transfer data to PDA)	Yes	AAA (2)	No (automatic)	100	17 test drum, minor cleaning needed
Freestyle Flash www.abbottdiabetescare.com	Very Small (0.3 mL)	20 - 500	7	Freestyle	Yes	Yes	3V (2) CR2032	Yes (manual)	250	Fast, Auto on, smallest meter in size and weight available, backlit display and test light, 1 minute reapplication
Freestyle Freedom www.abbottdiabetescare.com	Very Small (0.3 mL)	20 - 500	5	Freestyle	Yes	Yes	3V (1) CR2032	Yes (manual)	250	Fast, Auto on, 1 min reapplication, 4 programmable alarms
Freestyle www.abbottdiabetescare.com	Very Small (0.3 mL)	20 - 500	15	Freestyle	Yes	Yes	AAAA (2)	Yes (manual)	250	Fast, Auto on, also available as a Springboard module to work with Handspring PDA's, 1 min reapplication
Precision Xtra www.abbottdiabetescare.com	Small (0.6 mL)	20 - 500	5	Precision Xtra	Yes	Yes	3V (1) CR2032	Yes (code strip)	450	Available in lighted model for testing in dark, check blood ketones with proper additional strip, 30 second reapplication, end- or top-fill strips
Ascensia Contour www.ascensia.com	Small (0.6 mL)	10 - 600	15	Ascensia Microfill	Yes	Yes	3V (2) CR2032	No (automatic)	240	Auto underfill detection, auto control marking, auto adjust for temperature
Ascensia Breeze www.ascensia.com	Medium (2.5 - 3.5 mL)	10 - 600	30	Ascensia Autodisc	Yes	Yes	3V (1) CR2025	No (automatic)	100	10 tests per cartridge, designed to fit in hand or table top testing, underfill detection
Ascensia Elite XL www.ascensia.com	Small (2 mL)	20 - 600	30	Ascensia Elite	Yes	Yes	3V (2) CR2032	Yes (code strip)	120	Auto on-off
One Touch Ultra www.lifescan.com	Small (1 mL)	20 - 600	5	One Touch Ultra	Yes	Yes	3V (1) CR2032	Yes (manual)	150	Large display on small monitor, fast results, Ultra 2--allows flagging for before meal/after meal
One Touch UltraMini www.lifescan.com	Small (1 mL)	20-600	5	One Touch Ultra	No	Yes	3V (1) CR2032	Yes (manual)	50	No bells, no whistles, no complicated screen, smallest meter
TrueTrack (Leader Brand) www.thesmartchoice.com	Small (1 mL)	20 - 600	10	TrueTrack Smart System	Yes	Yes	3V (1) CR2032	Yes (code chip)	365	Audible test strip fill detection, auto on-off, Side-Kick--disposable version (50 strips)

**Alternate site testing is the ability to perform test at site other than fingertips, primarily the arm or leg

*This chart is intended to help you compare the features of different blood glucose monitors. Hen House Pharmacy does not endorse a particular product for all individuals. Please consult with your physician or pharmacist to decide which product may be best for your needs.