

# BLOOD GLUCOSE METER COMPARISONS (Part 1 of 2)

Meter	Testing sites (see key)	Sample Range (µL)	Range (mg/dL)	Results (sec)	Calibration	Memory (tests)	Battery	Features
<b>ABBOTT LABS • 888-522-5226 • abbottdiabetescare.com</b>								
<b>FreeStyle Freedom Lite</b>	1, 3, 6	0.3	20-500	5	no coding	400	3V	• Small design • 4 programmable alarms • Connects to management software • Calculates 7-, 14-, 30-day averages • Large display
<b>FreeStyle InsuLinx</b>	1	0.3	20-500	5	no coding	495	3V	• Touch-screen • Backlit display • Test strip port light • Electronic logbook • Personalization features (ie, pre- and post-meal tagging) • Programmable reminders and weekly messages • Built-in FreeStyle Auto-Assist software
<b>FreeStyle Lite</b>	1, 3, 6	0.3	20-500	5	no coding	400	3V	• Small design • Backlit display • Test strip port light • 4 programmable alarms • Connects to management software • Calculates 7-, 14-, 30-day averages
<b>FreeStyle Precision Neo</b>	1	0.6	20-500	5	no coding	1000	3V	• Slim, ultra-lightweight design • Large display • e-ink screen • Electronic logbook • OTC test strips • Connects to management software • Calculates 7-, 14-, 30-day averages
<b>Precision Xtra</b>	1, 2, 3, 6	0.6	20-500	5	no coding	450	3V	• Small and discrete design • Tests ketones • Icon driven menu • Calculates 7-, 14-, 30-day averages
<b>ARKRAY • 800-818-8877 • arkrayusa.com</b>								
<b>Glucocard 01</b>	1, 3	0.3	20-600	7	automatic	360	3V	• Audible beep indicator • Calculates 14-, 30-day averages
<b>Glucocard Expression</b>	1, 2, 3	0.8	20-600	6	automatic	300	AAA	• Large display • 3 programmable alarms • Bilingual voice features • Calculates 7-, 14-, 30-day averages
<b>Glucocard Shine</b>	1, 2, 3, 4, 5	0.5	20-600	5	automatic	500	3V	• Large display • Backlit screen • Strip expiration indicator • Pre/post meal markers with post-meal alarm • Calculates 1-, 7-, 14-, 30-, 90-day averages
<b>Glucocard Vital</b>	1, 3	0.5	20-600	7	automatic	250	3V	• Calculates 14-, 30-day averages
<b>ASCENSIA DIABETES CARE • 800-348-8100 • contournextpro.com</b>								
<b>Breeze2</b>	1, 2, 3	1	20-600	5	no coding	420	3V	• 10-test disc for no strip handling
<b>Contour</b>	1, 2, 3	0.6	20-600	5	no coding	480	3V	• Pre/post meal markers with alarm • High/low test results displayed over past 7 days • Calculates 7-, 14-, 30-day averages
<b>Contour Link</b>	1	0.6	20-600	5	no coding	480	3V	• Large display • Pre/post meal markers with alarm • Connects to Medtronic CareLink and GLUCOFACTS Deluxe management software • Wireless communication to Medtronic MiniMed Paradigm insulin pump
<b>Contour USB</b>	1, 2, 3	0.6	20-600	5	no coding	2000	rechargeable lithium polymer battery, 3.4v-4.2v	• Plug & Play USB • Easy trend tracking • Color display • 500MB extra memory • Illuminated strip port • GLUCOFACTS Deluxe software
<b>Contour Next</b>	1, 3	0.6	20-600	5	no coding	800	3V	• Simple on-screen messages • Allows for applying more blood to sample • Multiple evaluations of single sample • Autolog with pre/post meal markers • 14 languages • Calculates 7-, 14-, 30-, 90-day averages
<b>Contour Next EZ</b>	1	0.6	20-600	5	no coding	480	3V	• Multiple evaluations of single sample • Allows for applying more blood to sample • Basic and Advanced Modes • Glucose sensor technology • Calculates 7-, 14-, 30-day averages
<b>Contour Next Link</b>	1, 3	0.6	20-600	5	no coding	1000	rechargeable lithium polymer battery, 3.4v-4.2v	• Wireless communication to Medtronic insulin pumps • Fasting and pre/post meal markers with alarm • Electronic logbook • Connects to CareLink software • Charge via USB • Allows for applying more blood to sample • Calculates 7-, 14-, 30-day averages
<b>Contour Next Link 2.4</b>	1, 3	0.6	20-600	5	no coding	1000	rechargeable lithium polymer battery, 3.4v-4.2v	• Wireless communication to MiniMed 630G pump with SafeGuard technology • Fasting and pre/post meal markers with alarm • Electronic logbook • Connects to CareLink software • Charge via USB • Allows for applying more blood to sample • Calculates 7-, 14-, 30-, 90-day averages
<b>Contour Next One</b>	1, 3	0.6	20-600	5	no coding	800	3V	• Wireless communication to Contour Diabetes app • Fasting and pre/post meal markers • smartLIGHT blood glucose target indicator • Electronic logbook • Allows for applying more blood to sample
<b>Contour Next USB</b>	1, 3	0.6	20-600	5	no coding	2000	rechargeable lithium polymer battery, 3.4v-4.2v	• Plug & Play USB • Multiple evaluations of single sample • Fasting and pre/post meal markers with alarm • Electronic logbook • Charge via USB • Allows for applying more blood to sample • Built-in GLUCOFACTS Deluxe software • Calculates 7-, 14-, 30-, 90-day averages
<b>GE • 866-613-7085 • gediabetes.com</b>								
<b>GE100</b>	1, 2, 3	1	20-600	5	automatic	500	3V	• Large screen • True Auto Coding • Top loading • Calculates 1-, 7-, 14-, 30-, 90-day averages
<b>GE200</b>	1, 2, 3	0.75	20-600	5	automatic	1000	3V	• Large backlit screen • True Auto Coding • Top loading • Calculates 1-, 7-, 14-, 30-, 90-day averages

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<b>LIFESCAN • 800-227-8862 • onetouch.com</b>								
<b>OneTouch Ultra2</b>	1, 2, 3	1	20-600	5	button	500	3V	• Records before and after meal results • Calculates 7-, 14-, 30-day averages • Connects to diabetes management software
<b>OneTouch UltraMini</b>	1, 2, 3	1	20-600	5	button	500	3V	• Small design • 2-way scrolling buttons • 3 color schemes
<b>OneTouch Verio</b>	1	0.4	20-600	5	no coding	500	AAA	• Compact, slim design • ColorSure range indicator • Calculates 7-day average
<b>OneTouch Verio Flex</b>	1	0.4	20-600	5	no coding	500	3V	• Large color screen • ColorSure Range indicator • Wireless communication to OneTouch Reveal app
<b>OneTouch Verio IQ</b>	1	0.4	20-600	5	no coding	750	rechargeable 3.7V lithium polymer battery	• PatternAlert Technology • Large color screen • Illuminated testing area • Intuitive interface • One-step meal tagging • Eco-friendly rechargeable battery lasts up to 2wks between charges and can be charged with an AC adapter or mini USB cable (both included)
<b>NOVA DIABETES CARE • (800) 681-7390 • novacares.com</b>								
<b>Nova Max Link</b>	1, 2, 3	0.3	20-600	5	no coding	400	3V	• Connects to Medtronic insulin pumps • Calculates 1-, 7-, 14-, 30-day averages
<b>Nova Max Plus</b>	1, 2, 3	0.3	20-600	5	no coding	400	3V	• Test ketones • Calculates 1-, 7-, 14-, 30-day averages
<b>PRODIGY DIABETES CARE • 800-243-2636 • prodigymeter.com</b>								
<b>Prodigy Autocode</b>	1, 2, 3, 4, 5, 6	0.7	20-600	6	no coding	450	AAA	• Small design • 4 languages • Connects to diabetes management software • Calculates 7-, 14-, 28-day averages
<b>Prodigy Pocket</b>	1, 2, 3, 4, 5, 6	0.7	20-600	7	no coding	120	3V	• Small, lightweight design • Calculates 7-, 14-, 28-day averages • 4 color schemes
<b>Prodigy Voice</b>	1, 2, 3, 4, 5, 6	0.7	20-600	6	no coding	450	AAA	• Small design • Fully audible • Connects to diabetes management software • Calculates 7-, 14-, 21-, 30-, 60-, 90-day averages
<b>ROCHE DIAGNOSTICS • 800-858-8072 • accu-chek.com</b>								
<b>Accu-Chek Aviva</b>	1, 2, 3, 6	0.6	10-600	5	no coding	500	3V	• Large display • Large area to place sample • Autolog with pre/post meal markers • 4 programmable alarms • Ergonomic design with rubber grips • Calculates 7-, 14-, 30-, 90-day averages
<b>Accu-Chek Aviva Connect</b>	1	0.6	10-600	5	no coding	750	3V	• Backlit display • Autolog with fasting and pre/post meal markers • Automatic transfer to smartphone • Data-trend reports • Calculates 7-, 14-, 30-, 90-day averages
<b>Accu-Chek Aviva Expert</b>	1	0.6	20-600	5	no coding	1000	AAA	• Full-color backlit display • Insulin bolus advice • Autolog with fasting and pre/post meal markers • Pre-set and customizable reminders • Ergonomic design with rubber grips • Data-trend reports • Calculates 7-, 14-, 30-, 60-, 90-day averages
<b>Accu-Chek Compact Plus</b>	1, 2, 3, 4, 5, 6	1.5	10-600	5	no coding	500	AAA	• Backlit display • Detachable lancet device • Preloaded 17-strip drum • 3 programmable alarms • Calculates 7-, 14-, 30-day averages
<b>Accu-Chek Guide</b>	1, 2, 3, 6	0.6	10-600	4	no coding	720	3V	• Backlit display • Strip port light • Autolog with fasting and pre/post meal markers • Wireless connectivity with smartphone • 4 programmable alarms • Strip release button • Calculates 7-, 14-, 30-, 90-day averages
<b>Accu-Chek Nano</b>	1, 3	0.6	20-600	5	no coding	500	3V	• Small design • Backlit display • 4 programmable reminders • Autolog with pre/post meal markers • 11 depth settings • Calculates 7-, 14-, 30-, 90-day averages
<b>TRIVIDIA HEALTH • (800) 803-6025 • trividiahealth.com</b>								
<b>Sidekick</b>	1, 2	1	20-600	10	no coding	50	N/A	• All-in-one system designed to look like vial of test strips (meter + test strip vial is a single unit) • Disposable
<b>TrueBalance</b>	1, 2	1	20-600	10	no coding	365	3V	• Calculates 14-, 30-day AM averages • Connects to diabetes management software
<b>TrueMetrix</b>	1, 2	0.5	20-600	4	no coding	500	3V	• 4 programmable alarms • Audible fill detection • Ketone test reminder • Event tags (exercise, sickness, medication) • Strip release button • Calculates 7-, 14-, 30-day averages
<b>TrueMetrix Air</b>	1, 2	0.5	20-600	4	no coding	1000	3V	• Wireless connectivity • 4 programmable alarms • Audible fill detection • Ketone test reminder • Event tags (exercise, sickness, medication) • Strip release button • Calculates 7-, 14-, 30-, 60-, 90-day averages
<b>TrueMetrix Go</b>	1	0.5	20-600	4	no coding	500	3V	• Compact design • Calculates 7-, 14-, 30-day averages
<b>TrueRead</b>	1, 2	1	20-600	10	code chip	200	3V	• Large display • Automatically operates without any buttons
<b>TrueTrack</b>	1, 2	1	20-600	10	code chip	365	3V	• Automatically operates without any buttons • Connects to diabetes management software