
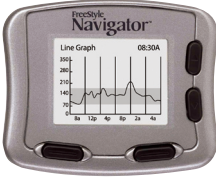



DIABETES HEALTH'S CONTINUOUS GLUCOSE MONITOR CHART

Feature	MiniMed Paradigm REAL-Time System	Abbott Freestyle Navigator	DexCom STS
Photos			
Availability	Across the U.S.	Not yet available (Company reports availability by June 30, 2008)	Across the U.S.
FDA approval	For patients 7 years of age to adult	For patients 18 years of age to adult	For adults 18 and older
Communicates with an insulin pump	Yes, communicates with the Paradigm 522 and 722 pumps	No	No
Price	\$999 start up with transmitter and 10 sensors or upgrade with the Pathway Program for current Medtronic pump users. Insulin pump would be handled through insurance coverage and contracts negotiated.	Price not yet available	\$450 for receiver and transmitter. \$240 per pack of 7-day sensors.
Insurance coverage	Reports of some people obtaining coverage for sensors	Abbott Diabetes Care Reimbursement Support service is available to all and handled on a case-by-case basis 877-423-2463	Reports of some people obtaining coverage for sensors
Accuracy	MARE: 16.59% - 24.84% Clark Error Grid - 96% in A+B and 61.7% in A MARD (Mean) - 17.32% MARD (Median) - 12%	Consensus Error Grid: 85.5% A, 99.1% A+B Clarke Error Grid compared to YSI: 81.7% A, 98.4% A+B Mean ARD: 12.8%, Median ARD: 9.3%	Clark Error Grid - 95.4% in A +B, 49% in A MARD (Median) - 15.9%
Sensor life	3 days	5 days	7 days
Length of sensor probe	14 mm	5 mm	13 mm
Gauge of sensor probe	23	21	26
Angle of sensor insertion	45 degrees	90 degrees	45 degrees
Insertion device available	Sen-serter, manual insertion possible also	Each sensor has a disposable inserter, that inserts by pressing a button.	DexCom STS Applicator
Monitor size	Displays on insulin pump, no separate monitor	2.5" x 3.24" x 0.88"	3" x 2.5"
Start-up initialization time	2 hours and 20 minutes	10 hours	2 hours
Calibration	First calibration is 2 hours after insertion. Second calibration 6 hours after first, then every 12 hours. Will alarm if calibration value not entered.	Calibrate at 10, 12, 24, and 72 hours after insertion with no further calibration for the final 2 days of the 5-day wear. May require more calibrations under certain circumstances.	Must calibrate with One Touch Ultra -- cannot be entered manually. Calibrate every 12 hours, first calibration must have 2 done within 30 minutes of each other.
Transmitter/sensor or body surface size	Sensor the size of a nickel. Transmitter is about the size of a quarter.	2.05" x 1.23" x 0.43"	2.5 inches (both combined)
Alarms on user-set low and high thresholds	Yes, different sounds for different alarms, different volumes. Extremely loud "back up" alarm if no response to the first alarm.		Yes, alerts for high and low are manually set. Low alarm set at 55 mg/dl by manufacturer. High alarm can be overridden.
	Note: In clinical trials, some people never respond to alarms at night regardless of the volume. An alarming device (receiver or pump) that is under covers, a pillow, or a body is almost impossible to hear.		
Displays glucose numbers	Every 5 minutes	Every 1 minute	Every 5 minutes

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Displays directional trends	Yes, arrows that display how fast and in what direction, and 3 and 24 hour graphs	Yes, TRU(TM) Directional Arrows	Yes, can display a 1, 3, or 9 hour glucose graph
Displays rate of change	Yes	Yes	No
Alarms on vector technology	No	Yes, predictive alarm 10 to 30 minutes before it thinks you will hit that number, based on the current trend. It estimates a future number by using algorithms and vector technology.	No
Alarms: vibrate, alarm, or both	Vibrate, Escalating Alarm, or both	3 levels of auditory, 3 vibration durations	1st Vibrate, then Alarm
Transmitter waterproof	Yes	Yes	Yes
Transmitter batteries	Rechargeable. Transmitter life about one year. Additional transmitter \$999 (will come with another 10 sensors at that time)	Watch batteries	Non-replaceable. Additional Transmitter is \$250.
Monitor batteries	Displayed on Paradigm 522 or 722 insulin pump which requires one AAA battery. Pump alerts when change is needed.	3 AAA batteries. Replace every 3 months	Must recharge the battery every 5 days, charge time 3 hours
Range of monitor to transmitter (Factory Stated)	6 feet	10 feet	5 feet
Sensor storage: refrigerated or room temperature	6 month life at room temperature	4 months at 37-86 degrees F	Room temperature, 4 month life
Snooze alarm feature	Yes, both high and low alarms settings differ	Yes, 1 hour silence	No
Built in BG monitor	No	Yes	Not built in
Computer software	Carelink or Solutions	CoPilot for FreeStyle Navigator not available yet	DexCom DM Consumer Data Manager (\$79)
Warranty	6 months on transmitter, 4 years on insulin pump	One year warranty for receiver and transmitter	6 months on receiver and transmitter
Money-back guarantee	30 day return policy for transmitter	30 day return policy for system kit	90 day money back guarantee
Official product website	www.medtronicdiabetes.com	www.FreeStyleNavigator.com	www.dexcom.com

Printer-friendly charts are available at www.DiabetesHealth.com/charts