

Real-time Continuous Glucose Monitoring Systems Comparison Chart

 Diabetes Specialist Nurse Forum UK	FreeStyle Libre 2	FreeStyle Libre 3	Dexcom One	Dexcom G6	Dexcom G7	Medtronic Guardian 4	Medtronic Simplera	GlucoRx AiDEX	Medtrum Touch Care Nano
Real-time CGM	Yes*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MARD	9.2	7.8	9.0	9.0	8.2	10.6	10.2	9.1	9.1
Published accuracy data	Yes (T1 n=133)	Yes (T1 n=83)	Yes (T1 n=260)	Yes (T1 n=260)	Yes (T1 n=257)	Yes	Yes	Yes (T1 n=14)	Yes (T1 n=10)
RCT data	Yes	Yes (FSL/FSL2)	Yes (G4/5/6)	Yes	No	No	No	No	No
Sensor life	14 days	14 days	10 days	10 days	10 days + 12 hr grace period	7 days	7 days	14 days	10-14 days
Sensor warm up time	60 mins	60 mins	120 mins	120 mins	30 mins	120 mins	120 mins	60 mins	30 mins
Separate transmitter	No	No	Yes	Yes	No	Yes	No	Yes	Yes
Transmitter Life	N/A	N/A	3 months	3 months	N/A	12 months	N/A	4 years	12 months
Smartphone app	LibreLink	Libre 3	Dexcom One	Dexcom G6	Dexcom G7	MiniMed mobile	Simplera	GlucoRx AiDEX	EasySense
Reader available	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
Capillary glucose calibration	No	No	No	No	No	No	No	No	No
High & low alarms	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Predictive alarms	No	No	No	Yes	Yes	Yes	Yes	No	Yes
Stand-alone use	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pump/hybrid closed loop compatibility	No	YpsoPump	No	Tandem T:slim DANA-i YpsoPump Omnipod 5	Tandem T:slim	MiniMed 780G **	No	No	Touch Care Nano pump (Automode)
Smart pen data connection	NovoPen 6 & Echo Plus	No	NovoPen 6 & Echo Plus [▲]	NovoPen 6 & Echo Plus [▲]	NovoPen 6 & Echo Plus [▲]	No	Medtronic InPen	No	No
Data share HCP	Libreview	Libreview	Clarity	Clarity	Clarity	CareLink	CareLink	CGM Viewer	EasyView
Data share friends/family app	LibreLinkUp	LibreLinkUp	N/A	Dexcom Follow	Dexcom Follow	CareLink Connect	CareLink Connect	GlucoRx AiDEX	EasyFollow
UK approved wearable site	Upper arm	Upper arm	Abdomen Upper arm Buttocks ⁺	Abdomen Upper arm Buttocks ⁺	Abdomen Upper arm Buttocks ⁺	Abdomen Upper arm Buttocks ⁺⁺	Upper arm Buttocks ⁺	Abdomen Upper arm	Abdomen Upper arm

= available on prescription (FP10)

* Using LibreLink app on smartphone. 'Scanning' still required with reader device

** Different version of Guardian 4 sensor required

[▲] via Glooko

⁺ 2-17 years old as per manufacturers' guidelines.

⁺⁺ 7-17 years old as per manufacturers' guidelines.