

BLOOD GLUCOSE METERS

Manufacturer		Meter	Strip / test cassette required	Sample volume (µl)	Time for test (secs)	Blood glucose range (mmol/l)	Calibration	Battery life	Number of tests stored with date and time	Length x width x depth (cm)	Software and connection cable
Abbott Diabetes Care 0500 467 466		FreeStyle Optium (Can test for ketones when used with the FreeStyle Optium B-Ketone strips)	FreeStyle Optium Test Strips	0.6	5	1.1–27.8	No coding required	1,000 tests*	450 (7, 14 & 30-day average)	7.5 x 5.3 x 1.5	Free CoPilot Health management system can be downloaded at www.abbottdiabetescare.co.uk . Free connection cable.
		FreeStyle Lite	FreeStyle Lite Test Strips	0.3	4	1.1–27.8	No coding required	500 tests*	400 (7, 14 & 30-day average)	7.4 x 4 x 1.7	Free CoPilot Health management system can be downloaded at www.abbottdiabetescare.co.uk . Free connection cable.
		FreeStyle Freedom Lite	FreeStyle Lite Test Strips	0.3	4	1.1–27.8	No coding required	500 tests*	400 (7, 14 & 30-day average)	8.35 x 5 x 1.6	Free CoPilot Health management system can be downloaded at www.abbottdiabetescare.co.uk . Free connection cable.
		FreeStyle InsuLinx	FreeStyle Lite Test Strips	0.3	4	1.1–27.8	No coding required	3,000 tests*	900	9.5 x 6 x 1.5	Includes FreeStyle Auto-Assist software, which is installed through the meter using the connection cable provided.
AgaMatrix Europe Ltd 0800 093 1812		WaveSense JAZZ	WaveSense JAZZ Test Strips	0.5	5 (minimum)	1.1–33.3	No coding required	1,000 tests*	1,865 (14, 30 & 90-day & pre- and post-meal average and standard deviation)	8.4 x 4.5 x 2	Zero-Click (for PC) free download from www.agamatrix.co.uk . Free cable supplied. AgaMatrix Diabetes Manager app for iPhone/iPod Touch available late 2012.
Apollo Medical Technologies Ltd 01636 831 201		SuperCheck2 (Audible results; audible and visual insufficient blood warning) (Refer to user manual regarding suitability for peritoneal dialysis)	SuperCheck2 Test Strips	0.6	6	1.1–33.3	No coding required (a calibration test is recommended for each new batch of test strips)	1,000+ tests	500 (14, 28, 60 & 90-day average). The last 10 results can also be provided audibly.	9.9 x 4.8 x 1.4	Software and USB cable available on request.
Arctic Medical 01227 832 400		IME-DC	IME-DC Test Strips	2.0	10 (fixed)	1.1–33.3	Code chip coding	1,000 tests*	100	8.8 x 6.2 x 2.2	Free software available to download from www.arcticmedical.co.uk . Connection cable £10 plus VAT.
Bayer Diabetes Care 0845 600 6030		Contour	Contour Test Strips	0.6	5 (fixed)	0.6–33.3	Automatic, no coding required	1,000 tests*	480 (7 & 14-day & pre- and post-meal average)	7.5 x 5.3 x 1.7	Free Glucofacts Deluxe software and free USB connection cable available from www.bayerdiabetes.co.uk .
		Contour XT	Contour Next Test Strips	0.6	5 (fixed)	0.6–33.3	Automatic, no coding required	1,000 tests*	480 (7 & 14-day & pre- and post-meal average)	7.5 x 5.3 x 1.7	Free Glucofacts Deluxe software and free USB connection cable available from www.bayerdiabetes.co.uk .
		Contour USB	Contour Test Strips	0.6	5 (fixed)	0.6–33.3	Automatic, no coding required	Rechargeable battery	2,000 (with built-in diabetes management software)	9.5 x 3 x 1.5	On-board Glucofacts Deluxe software.
		Contour Next USB	Contour Next Test Strips	0.6	5 (fixed)	1.1–33.3	Automatic, no coding required	Rechargeable battery	2,000 (with built-in diabetes management software). Includes fasting, pre/post meal markers, insulin, carbohydrate information	9.5 x 3 x 1.5	On-board Glucofacts Deluxe software.
Cambridge Sensors Ltd 01480 482 920		Microdot+	Test strips in vials of 50	0.6	10 (fixed)	1.2–29.2	No coding required	1,500 tests*	500 plus insulin data, meal & event marking & 14-day average	8.2 x 6.3 x 1.3	Free software (for PC) available to download from www.microdot.biz . Connection cable £20 (includes p&p).
GlucorX Ltd 01483 755 133		GlucorX Nexus	GlucorX Nexus Test Strips Strip Technology: FAD-dependent glucose dehydrogenase (GDH-FAD) enzymes PIP code 355-2726	0.5	5	1.1–33.3	No coding required	2,000 tests*	1,000 (7, 14, 21, 28, 60, 90-day & general, pre- and post-meal tagging & average)	9.6 x 6.1 x 2.6	Free software and connection cable available. For more information, email info@glucorx.co.uk or visit www.glucorx.co.uk .
LifeScan 0800 121 200		OneTouch VerioQ System	OneTouch Verio Test Strips	0.4	5 (fixed)	1.1–33.3	Automatic, no coding required	Up to two weeks – rechargeable battery.	750 (7, 14, 30 & 90-day average). Also stores the last 50 PatternAlert messages. Pre- and post-meal tagging.	8.79 x 4.70 x 1.19	Free OneTouch Diabetes Data Management Software (OTDMS) available from www.lifescan.co.uk . Free cable supplied with OneTouch VerioQ System.
		OneTouch VerioPro	OneTouch Verio Test Strips	0.4	5 (fixed)	1.1–33.3	Automatic, no coding required	Minimum 6 months at 4 tests a day. Takes AAA batteries*	750 (7, 14, 30, 90-day average). Fasting pre- and post-meal, bedtime tagging function	9.1 x 5.6 x 2	Free OneTouch Diabetes Data Management Software (OTDMS) available from www.lifescan.co.uk . Free cable.
		OneTouch Ultra Easy	OneTouch Ultra Test Strips	1.0	5 (fixed)	1.1–33.3	One code	1,095 tests*	500	10.8 x 3.2 x 1.7	Free OneTouch Diabetes Data Management Software (OTDMS) available from www.lifescan.co.uk . Free cable.
		OneTouch Ultra2	OneTouch Ultra Test Strips	1.0	5 (fixed)	1.1–33.3	One code	1,095 tests*	500 (7, 14 & 30-day & pre- and post-meal average)	7.92 x 5.72 x 2.29	Free OneTouch Diabetes Data Management Software (OTDMS) available from www.lifescan.co.uk . Free cable.
		OneTouch Vita	OneTouch Vita Test Strips	1.0	5 (fixed)	1.1–33.3	Automatic, no coding required	1,095 tests*	500 (7, 14 & 30-day & fasting, pre- and post-meal average)	9.5 x 6.5 x 2.25	Free OneTouch Diabetes Data Management Software (OTDMS) available from www.lifescan.co.uk . Free cable.
Menarini Diagnostics 0800 243 667		Glucomen LX Plus	Glucomen LX Sensors & Glucomen LX Ketone Sensors	0.3	4 (fixed)	1.1–33	No coding required	1,000 tests*	400 (1, 7, 14 & 30-day average)	5.8 x 9.8 x 1.7	Free Menadiab download software & free connection cable. Visit www.glucomen.co.uk
		Glucomen GM	Glucomen Sensors	0.5	7 (fixed)	0.6–33.3	No coding required	2,000 tests*	250 (14 & 30-day average)	8.0 x 6.5 x 1.3	Free Menadiab download software & free connection cable. Visit www.glucomen.co.uk
		Glucomen LX	Glucomen LX Sensors	0.3	4 (fixed)	1.1–33.3	No coding required	1,000 tests*	400 (1, 7, 14 & 30-day average)	9.6 x 5.1 x 2	Free Menadiab download software & free connection cable. Visit www.glucomen.co.uk .
		Glucomen Visio	Glucomen Visio Sensors	0.8	10 (fixed)	1.1–33.3	Key 'n' Go Technology	1,000 tests*	250 & average	8 x 6.5 x 1.6	Free Menadiab download software & free connection cable. Visit www.glucomen.co.uk .
Merck Serono 0800 032 6601		Discreet	Mendor Discreet Test Strips	0.5	5	1.1–33.3	No coding required	1,000 tests* (without backlight)	250 (14-day average)	10.8 x 6 x 2.1	Includes Mendor Balance software, which is installed through the meter using the connection cable provided.
Nipro Diagnostics (UK) Ltd 0800 085 8808		TRUEone	TRUEone Test Strips	1.0	5	1.1–33.3	No coding required	New meter every 50 tests	50	6 x 3 diameter	TRUEone is not downloadable.
		TRUEresult	TRUEresult Test Strips	0.5	4	1.1–33.3	Automatic, no coding required	2,146 tests*	500 (7, 14, & 30-day average)	8.9 x 5.5 x 1.7	Software and docking station available.
		TRUEresult twist	TRUEresult Test Strips	0.5	4	1.1–33.3	Automatic, no coding required	1,500 tests*	99	4.3 x 3.7 x 2.3	TRUEresult twist is not downloadable.
Roche Diabetes Care 0800 701 000		Accu-Chek Aviva Expert	Aviva Test Strips	0.6	5 (fixed)	0.6–33.3	Code key	Depends on use.	1,000 (7, 14, 30, 90-day & pre- and post-meal average)	9.4 x 5.5 x 2.5	Accu-Chek 360* (£24.99) and Accu-Chek SmartPix (£24.99), available at www.accu-chek.co.uk . Cable free with software.
		Accu-Chek Mobile	Mobile Test Cassette	0.3	5 (approx)	0.6–33.3	No coding required	Approx 500 tests* or approx 1 year	2,000 (7, 14, 30 & 90-day average)	12.3 x 6.6 x 2.8 (incl finger pricker)	Accu-Chek 360* (£24.99) and Accu-Chek SmartPix (£24.99), available at www.accu-chek.co.uk . Cable free with software.
		Accu-Chek Compact Plus	Compact Test Strips	1.5	5 (fixed)	0.6–33.3	Barcode on test drum automatically codes meter	Approx 1,000 tests* or approx 1 year	500 (7, 14 & 30-day average)	12.5 x 6.4 x 3.2 (incl finger pricker)	Accu-Chek 360* (£24.99) and Accu-Chek SmartPix (£24.99), available at www.accu-chek.co.uk . Cable free with software.
		Accu-Chek Aviva	Aviva Test Strips	0.6	5 (fixed)	0.6–33.3	Insert black activation chip for one-time coding	1,000 tests*	500 (7, 14 & 30-day average)	9.4 x 5.3 x 2.2	Accu-Chek 360* (£24.99) and Accu-Chek SmartPix (£24.99), available at www.accu-chek.co.uk . Cable free with software.
		Accu-Chek Aviva Nano	Aviva Test Strips	0.6	5 (fixed)	0.6–33.3	Insert black activation chip for one-time coding	1,000 tests*	500 (7, 14 & 30-day average)	6.9 x 4.3 x 2	Accu-Chek 360* (£24.99) and Accu-Chek SmartPix (£24.99), available at www.accu-chek.co.uk . Cable free with software.
Spirit Healthcare 0800 881 5423		CareSens N	CareSens N Test Strips	0.5	5 (max)	1.1–33.3	No coding required	1,000 tests*	500 (1, 7, 14, 30 & 90-day & pre- and post-meal average)	9.3 x 4.7 x 1.5	Free software and free connection cable. Call 24/7 customer support on 0800 881 5423 or visit www.spirit-healthcare.co.uk .
		CareSens N POP	CareSens N Test Strips	0.5	5 (max)	1.1–33.3	No coding required	1,000 tests*	500 (1, 7, 14, 30 & 90-day & pre- and post-meal average)	9.5 x 3.3 x 1.9	Free software and free connection cable. Call 24/7 customer support on 0800 881 5423 or visit www.spirit-healthcare.co.uk .
Ypsomed AG 0800 092 6787		mylife Pura	mylife Pura test strips	1.0	5 (fixed)	0.6–33.3	Automatic, no coding required	1,000 tests*	500	8.5 x 4.5 x 1.5	mylife Diabass software can be received by calling Customer Care on 0800 092 6787 after the meter has been received.

Suitable for peritoneal dialysis

Suitable for alternative site testing

Can test for ketones

Includes integrated finger pricker

Only suitable for patients on multiple daily injections

*Battery replaceable free of charge.

See manufacturer's product information for interferences profile of meter. Text strip expiry dates vary.