

# Mid and South Essex recommendations following the national assessment of blood glucose and ketone meters, testing strips and lancets

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## Introduction

In January 2023, a clinically led national assessment was undertaken to better understand the products available and how they meet the needs of all people living with diabetes. The NHS England national assessment ensures that the recommended products have been selected for their quality, their added functionality for patient cohorts and their cost impact. In November 2024, the assessment was reopened to enable evaluation of any new products and reviewing any change on the current recommended products.

Mid and South Essex ICB are focused on improving the value for this critical clinical area and using the NHS England national assessment of products to ensure we commission care that provides quality products to patients, improves value and reduces unwarranted variation in spend.

The national assessment process aims to improve the delivery of diabetes management through the following key objectives:

- a. **Equitable access** to the same products for all eligible people, no matter where they live;
- b. **Minimum quality standards** established in a fair and transparent way to better address the needs of all people living with diabetes;
- c. **Prescribing practices aligned** across primary and secondary care; and
- d. **Making best use of NHS resources**, whilst ensuring that the price paid is commensurate to the quality offered. The recommended meters, strips and lancets have passed a rigorous evaluation process ensuring that only the best of the highest quality and, cost-effective devices are recommended.

In 2024/25, MSEICB spent a total of £1.9M on blood glucose and ketone testing strips. Through the national assessment process, ICBs have information on relative quality and prices so they can make sure spend is aligned with best value and unwanted variation in spend is addressed.

### Who should be testing?

- All patients with Type 1 diabetes
- All pregnant women with pre-existing or gestational diabetes
- All patients with Type 2 diabetes using **insulin**
- Non-insulin managed patients with T2DM who:
  - Are prescribed sulfonylureas or 'glinides, who also drive (see above)
  - Have been newly initiated or dose titrated with GLP analogue (e.g. exenatide) for short term only (<3 months)

### Who Should Not Need to Test?

- Those with Type 2 DM controlled by diet and exercise alone
- Patients with Type 2 diabetes controlled by any of the following oral agents (alone or in combination with one another): metformin, pioglitazone, acarbose, a gliptin or an SGLT2 inhibitor

## Local implementation

ICBs are requested to discuss the contents of the national guidance at the relevant local governance group and update pathways and formularies accordingly to achieve quality and value plans. In order to ensure local clinicians are able to maintain competence and expertise in the variety of devices available; and that community pharmacies are able to maintain stock of preferred products, the nationally recommended products have been streamlined for local implementation in Mid and South Essex. Within each category, locally preferred products have been listed. Local products cover choices for each of the cohorts of patients who may require additional functionality.

## Local Formularies

Mid and South Essex ICB are updating their local joint formulary across primary and secondary care, based upon the commissioning recommendations set out in the national assessment and reflecting the locally preferred products from within those recommendations. **Within this document are tables showing the recommended products locally, with reference to the national guidance. These are arranged by category, and listed in ascending price order.**

## Actions

### New patients

All patients newly diagnosed with diabetes, following assessment by a healthcare professional, should be provided with the most cost-effective meter and test strips from the tables below.

### Existing patients

Patients already using blood glucose or ketone meters that are not on the recommended list of products, should be switched to a better value alternative meter within 10 months, following a discussion with their healthcare professional.

### Patients using Continuous Glucose Monitors

Patients who use CGM still need to take blood glucose measurements, but **less often**. Blood glucose monitoring is required to check the accuracy of their CGM device and as a backup when blood glucose levels are changing quickly, or the device stops working. When CGM is commenced, prescribed quantities of blood glucose test strips/lancets should reduce. Diabetes specialists initiating CGM will advise on the reduced quantity of test strips/lancets to prescribe. Patients using a Continuous Glucose Monitor (CGM) are expected to be provided with 50 blood glucose test strips per month (one box per month), subject to the clinical prescriber's discretion.

### Safety lancets and needles

Safety lancets and needles should not be prescribed on FP10 prescription apart from in exceptional circumstances, such as when a non-healthcare worker (a relative or carer) is administering the injectable medicine. In accordance with the Health and Safety (Sharp Instruments in Healthcare) Regulations 2013, it is the responsibility of the employer of the health or social care worker to provide safer sharps for their staff, therefore safety lancets and needles should not be supplied on FP10 for use by healthcare staff.

### Supply of meters

Training on the correct use, storage and interpretation of readings will be provided by the supplier.

Patients, who purchase a meter where an off-formulary strip is used, should expect to purchase the strips as well, or be switched to a locally formulary choice.

Community pharmacists should not sell blood glucose meters to patients with diabetes without prior discussion and approval from the patient's diabetes healthcare professional. Practices should dispose of, not accept, or return, free samples of non-formulary meters from drug companies.

All suppliers will provide the recommended meters and lancing devices free of charge, and ongoing free control solutions to all healthcare settings across England in primary care, secondary care and to service users.

### Glucose testing for drivers

#### Treated with Insulin

- Group 2 Drivers (lorries/buses):
  - At least twice daily blood glucose monitoring including on days when not driving **and**
  - On driving days; no more than 2 hours before the start of the first journey and every 2 hours after driving has started
  - A maximum of 2 hours should pass between the pre-driving glucose test and the first glucose check performed after driving has started. More frequent self-monitoring may be required with any greater risk of hypoglycaemia
  - Use glucose meter with non-deletable memory function sufficient to ensure 3 months of readings available
- Group 1 Drivers (cars/motorcycles):
  - Glucose testing no more than 2 hours before the start of the first journey and every 2 hours after driving has started (More frequent self-monitoring may be required with any greater risk of hypoglycaemia)
  - A maximum of 2 hours should pass between the pre-driving glucose test and the first glucose check performed after driving has started

#### Treated with tablets which carry a risk of hypoglycaemia (Sulfonylureas and 'glinides)

- Group 2 Drivers (lorries/buses):
  - Should monitor blood glucose at least twice daily and at times relevant to driving
- Group 1 Drivers (cars/motorcycles):
  - The frequency of testing depends upon the clinical context, it may be appropriate to monitor blood glucose at times relevant to driving to enable the detection of hypoglycaemia
  - The greatest risk of hypoglycaemia with sulphonylureas is in the first three months of treatment therefore people who are just starting treatment, experiencing hypoglycaemia, or have reduced awareness are likely to need to test more frequently

## Types of Meters and Devices

These commissioning recommendations separate blood glucose and ketone meters, strips, and lancets into the following categories.

Patient Cohort	Cohort Description	Category
Type 2 diabetes	Meters and strips which are suitable for the majority of people with Type 2 diabetes that require a blood glucose testing meter.	2a
Type 2 diabetes (additional functionality) <sup>1</sup>	Meters and strips which are suitable for people with Type 2 diabetes that require a blood glucose testing meter with additional functionality.	2a and 2b
Type 1 diabetes or ketosis prone Type 2 diabetes	Meters and strips which are suitable for the majority of people that require a blood glucose and ketone testing meter.	1a
Type 1 diabetes or ketosis prone Type 2 diabetes (additional functionality) <sup>1</sup>	Meters and strips which are suitable for people that require a blood glucose and ketone testing meter with additional functionality.	1b
Lancets provided by suppliers who also provide lancing devices	Lancets suitable for people with Type 1 and Type 2 diabetes, including those that require additional functionality.	4a
Lancets provided by suppliers who do not supply lancing devices, or lancets which are not used with a lancing device e.g., safety lancets.	Lancets suitable for people with Type 1 and Type 2 diabetes, including those that require additional functionality.	4b (new)

- 1. Additional functionality includes features such as; on-board carbohydrate counting calculator, large display for visual impairment, and extra memory for Group 2 drivers etc.**

## Recommended Devices

Category 2a Type 2 diabetes	The following meters and strips are listed in <u>ascending price order</u> and are suitable for the majority of people with Type 2 diabetes. Those meters which offer additional functionality are also highlighted in the table below.							
Meter	Connect 2 Pharma			GlucoRx		Neon Diagnostics		Neon Diagnostics
	On Call Extra	On Call Extra Mobile	On Call Extra Voice	GlucoRx Q	GlucoRx Q Blue	Finetest Lite	Finetest Lite Smart	Neon GK+
								
Blood Glucose Test Strips	On Call Extra Test Strips			GlucoRx Q Test Strips		Finetest Lite Test Strips		Neon GK+ Test Strips
Price/pack	£5.20			£5.45		£5.15		£5.39
Pack Size	Pack of 50			Pack of 50		Pack of 50		Pack of 50
Price per Strip	£0.104			£0.109		£0.103		£0.108
Lancets	On Call lancets			GlucoRx lancets		Greenlan lancets		Greenlan lancets
Price per lancet	£0.028			£0.023		£0.03		£0.03
Total price per 50 tests (BGTS + lancet)	£6.60			£6.60		£6.65		£6.65
Additional functionality								
Carbohydrate counting								
Cognitive Impairment						✓		✓
Dexterity						✓		✓
Gestational diabetes requiring GDM-Health™ app compatibility								
Group 2 Driver						✓		✓
Learning Difficulties						✓		✓
No Fixed Abode						✓		✓
Paediatrics						✓		
Unable to read English						✓		✓
Visually Impaired						✓		✓

<b>Category 2b</b> <b>Carbohydrate counting type 2 diabetes and gestational diabetes</b>	<b>The following meters and strips are listed in <u>ascending price order</u> and are suitable for people who <u>have either gestational diabetes, or who require carbohydrate counting functionality</u>. Those with carbohydrate counting functionality may also be suitable for people with T1DM who undertake ketone testing with a separate device.</b>	
<b>Meter</b>	<b>AgaMatrix</b>	<b>AgaMatrix</b>
	<b>Agile</b>	<b>WaveSense JAZZ WIRELESS (for existing patients only)</b>
		
<b>Blood Glucose Test Strips</b>	<b>AgaMatrix Agile Test Strips</b>	<b>WaveSense JAZZ Test Strips</b>
<b>Price</b>	<b>£5.99</b>	<b>£8.74</b>
<b>Pack Size</b>	<b>Pack of 50</b>	<b>Pack of 50</b>
<b>Price per Strip</b>	<b>£0.120</b>	<b>£0.175</b>
<b>Lancets</b>	<b>AgaMatrix Comfort Twist Lancet</b>	<b>Agamatrix ultra thin lancets</b>
<b>Price per lancet</b>	<b>£0.027</b>	<b>£0.027</b>
<b>Total price per 50 tests (BGTS + lancet)</b>	<b>£7.35</b>	<b>£10.10</b>
<b>Additional functionality</b>		
<b>Carbohydrate Counting</b>	✓	✓
<b>Cognitive Impairment</b>	✓	✓
<b>Dexterity</b>	✓	✓
<b>Gestational diabetes requiring GDm-Health™ app compatibility</b>		✓
<b>Group 2 Driver</b>	✓	✓
<b>Learning Difficulties</b>	✓	✓
<b>No Fixed Abode</b>	✓	✓
<b>Paediatrics</b>		
<b>Unable to read English</b>	✓	✓
<b>Visually Impaired</b>	✓	✓

Category 1a Type 1 diabetes or ketosis prone Type 2 diabetes	The following meters and strips are listed in <u>ascending price order</u> and are suitable for the majority of people with Type 1 diabetes or ketosis prone Type 2 diabetes that need to monitor their blood ketone and blood glucose levels but that <u>do not</u> require additional functionality.			
Meter	GlucoRx	Neon Diagnostics	AgaMatrix	Nipro Diagnostics
	GlucoRx Smart	Neon GK+	ALLYbgk	4SURE Smart Duo**
				
Blood Glucose Test Strips	GlucoRx Smart Glucose Test Strips	Neon GK+ Test Strips	ALLYbg Test Strips*	4SURE Test Strips**
Price	£5.45	£5.39	£5.43	£7.99
Pack Size	Pack of 50	Pack of 50	Pack of 50	Pack of 50
Price per Strip	£0.109	£0.108	£0.109	£0.160
Lancets	GlucoRx lancets	Greenlan lancets	Agamatrix ALLY lancets	4SURE
Price per lancet	£0.023	£0.03	£0.027	£0.029
Total price per 50 tests (BGTS + lancet)	£6.60	£6.65	£6.80	£9.45
Ketone Test Strips	GlucoRx Smart Ketone Test Strips**	Neon GK+ Ketone Test Strips	ALLYbk Test Strips*	4SURE B-Ketone Test Strips**
Price	£8.95	£7.95	£7.95	£9.92
Pack Size	Pack of 10	Pack of 10	Pack of 10	Pack of 10
Price per Strip	£0.895	£0.795	£0.795	£0.992

\*ALLYbg and ALLYbk Test Strips due to be launched in the Drug Tariff in 2025 (not yet listed in August 2025)

\*\*4SURE Smart Duo reserved for use in paediatrics and for existing adult patients

<b>Category 1b</b> <b>Type 1 diabetes or ketosis prone Type 2 diabetes (additional functionality)</b>	<b>The following meters and strips are listed in <u>ascending price order</u> and are suitable for people with Type 1 diabetes or ketosis prone Type 2 diabetes who may benefit from additional functionality, to support them in their diabetes management. Please refer to the table below for recommended meter/strips for each cohort.</b>		
<b>Meter</b>	<b>Neon Diagnostics</b>	<b>A. Menarini Diagnostics</b>	<b>Nipro Diagnostics</b>
	<b>Neon GK+</b>	<b>GlucoFix Tech GK</b>	<b>4SURE Smart Duo**</b>
			
<b>Blood Glucose Test Strips</b>	<b>Neon GK+ Test Strips</b>	<b>GlucoFix Tech Sensor Test Strips</b>	<b>4SURE Test Strips**</b>
<b>Price</b>	<b>£5.39</b>	<b>£5.95</b>	<b>£7.99</b>
<b>Pack Size</b>	<b>Pack of 50</b>	<b>Pack of 50</b>	<b>Pack of 50</b>
<b>Price per Strip</b>	<b>£0.108</b>	<b>£0.119</b>	<b>£0.160</b>
<b>Lancets</b>	<b>Greenlan lancets</b>	<b>GlucoJect Lancets PLUS</b>	<b>4SURE</b>
<b>Price per lancet</b>	<b>£0.03</b>	<b>£0.028</b>	<b>£0.029</b>
<b>Total price per 50 tests (BGTS + lancet)</b>	<b>£6.65</b>	<b>£7.35</b>	<b>£9.45</b>
<b>Ketone Test Strips</b>	<b>Neon GK+ Ketone Test Strips</b>	<b>GlucoFix Tech B-Ketone Sensor Test Strips</b>	<b>4SURE B-Ketone Test Strips**</b>
<b>Price</b>	<b>£7.95</b>	<b>£9.95</b>	<b>£9.45</b>
<b>Pack Size</b>	<b>Pack of 10</b>	<b>Pack of 10</b>	<b>Pack of 10</b>
<b>Price per Strip</b>	<b>£0.795</b>	<b>£0.995</b>	<b>£0.992</b>
<b>Additional functionality</b>			
<b>Carbohydrate Counting</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Cognitive Impairment</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Dexterity</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Group 2 Driver</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Learning Difficulties</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>No Fixed Abode</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Paediatrics</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Unable to read English</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Visually Impaired</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

The following lancets are listed in ascending price order and suitable for people with Type 1 and Type 2 diabetes including people who require additional functionality (those supplied as default with locally approved devices are highlighted in green)

Category 4a and 4b

Supplier	Lancet name	Size	Lancing device provided	Compatible with universal lancing devices	Pack price (£)	Pack size	Price per unit
Neon Diagnostics	Greenfine Lancet*	0.35mm/28G	Yes	Yes	£1.79	100	£0.018
Apollo Medical Technologies	Apollo Twist Lancets	0.36mm/28G	No	Yes	£3.80	200	£0.019
Apollo Medical Technologies	Apollo Twist Lancets	0.3mm/30G	No	Yes	£3.80	200	£0.019
Mediq Healthcare UK	Klinion Soft Fine Lancet	0.36mm/28G	No	Yes	£4.02	210	£0.019
Mediq Healthcare UK	Klinion Soft fine lancet	0.31mm/30G	No	Yes	£4.02	210	£0.019
Mediq Healthcare UK	Klinion Soft fine lancet	0.36mm/28G	No	Yes	£2.21	110	£0.020
Mediq Healthcare UK	Klinion Soft fine lancet	0.31mm/30G	No	Yes	£2.21	110	£0.020
GlucRx	GlucRx Lancets	0.31mm/30G	Yes	Yes	£4.50	200	£0.023
Kinetik Medical Devices	Kinetik Wellbeing Lancets	0.28mm/30G	Yes	Yes	£5.25	200	£0.026
AgaMatrix	ALLY lancets*	0.31mm/30G	Yes	Yes	£2.69	100	£0.027
AgaMatrix	AgaMatrix Comfort Twist Lancet	0.32mm/30G	Yes	Yes	£2.69	100	£0.027
AgaMatrix	AgaMatrix Ultra-Thin Lancet	0.2mm/33G	Yes	Yes	£5.43	200	£0.027
AgaMatrix	AgaMatrix Ultra-Thin Lancet	0.35mm/28G	Yes	Yes	£5.43	200	£0.027
A. Menarini Diagnostics	GlucOject Lancets PLUS	0.2mm/33G	Yes	Yes	£5.50	200	£0.028
A. Menarini Diagnostics	GlucOject Lancets EXTRA	0.2mm/33G	Yes	Yes	£5.50	200	£0.028
Apollo Medical Technologies	Apollo BV Safety Lancets	1.8mm/26G	Safety Lancet	n/a	£2.75	100	£0.028
Apollo Medical Technologies	Apollo BV Safety Lancets	1.8mm/28G	Safety Lancet	n/a	£2.75	100	£0.028
Apollo Medical Technologies	Apollo BV Safety Lancets	1.8mm/30G	Safety Lancet	n/a	£2.75	100	£0.028
Connect 2 Pharma	On Call Lancets	0.3mm/30G	Yes	Yes	£2.75	100	£0.028
GlucRx	GlucRx Lite Safety Lancets*	2.4mm/21G	Safety Lancet	n/a	£2.75	100	£0.028
GlucRx	GlucRx Lite Safety Lancets*	1.8mm/23G	Safety Lancet	n/a	£2.75	100	£0.028
GlucRx	GlucRx Lite Safety Lancets*	1.8mm/28G	Safety Lancet	n/a	£2.75	100	£0.028
GlucRx	GlucRx Lite Safety Lancets*	1.8mm/30G	Safety Lancet	n/a	£2.75	100	£0.028
Palmdoc	Palmdoc Lancets	0.38mm/30G	Yes	All lancing devices except any multilancet device	£2.85	100	£0.029
Roche Diabetes Care	Accu-Chek FastClix	0.3mm/30G	Yes	Only compatible with the Accu-Chek FastClix lancing device	£5.90	204	£0.029
Nipro Diagnostics	4SURE Lancets	0.195mm/33G	Yes	Yes	£2.90	100	£0.029
Nipro Diagnostics	4SURE Lancets	0.32mm/30G	Yes	Yes	£2.90	100	£0.029
Trividia Health	TRUEplus lancets	0.36mm/28G	Yes	Yes	£2.90	100	£0.029
Trividia Health	TRUEplus lancets	0.32mm/30G	Yes	Yes	£2.90	100	£0.029
Trividia Health	TRUEplus lancets	0.195mm/33G	Yes	Yes	£2.90	100	£0.029
Spirit Healthcare	CareSens Lancets	0.36mm/28G	Yes	Yes	£2.95	100	£0.030
Spirit Healthcare	CareSens Lancets	0.31mm/30G	Yes	Yes	£2.95	100	£0.030
Ascensia Diabetes Care	Microlet lancet	0.5mm/28G	Yes	Yes	£2.99	100	£0.030
Ascensia Diabetes Care	Microlet lancet	0.5mm/28G	Yes	Yes	£5.98	200	£0.030
Neon Diagnostics	Neon Verifine Safety Lancets	1.8mm/30G	Safety Lancet	n/a	£2.99	100	£0.030
Neon Diagnostics	Neon Verifine Safety Lancets	1.8mm/28G	Safety Lancet	n/a	£2.99	100	£0.030
Neon Diagnostics	Neon Verifine Safety Lancets	1.8mm/23G	Safety Lancet	n/a	£2.99	100	£0.030
Neon Diagnostics	Neon Verifine Safety Lancets	2.4mm/21G	Safety Lancet	n/a	£2.99	100	£0.030
Kinetik Medical Devices	Kinetik Wellbeing Lancets	0.28mm/30G	Yes	Yes	£3.00	100	£0.030
Neon Diagnostics	Greenlan lancets	0.35mm/28G	Yes	Yes	£3.00	100	£0.030
A. Menarini Diagnostics	GlucOject Lancets PLUS	0.2mm/33G	Yes	Yes	£3.77	100	£0.038
A. Menarini Diagnostics	GlucOject Lancets EXTRA	0.2mm/33G	Yes	Yes	£3.77	100	£0.038
Apollo Medical Technologies	Apollo Pressure-Activated Safety Lancets	1.8mm/26G	Safety Lancet	n/a	£4.50	100	£0.045
Apollo Medical Technologies	Apollo Pressure-Activated Safety Lancets	1.8mm/28G	Safety Lancet	n/a	£4.50	100	£0.045
Cambridge Sensors	Microdot HiFlow Safety Lancet	2.2mm/21G	Safety Lancet	n/a	£9.50	200	£0.048
Cambridge Sensors	Microdot Lite Safety Lancet	1.8mm/28G	Safety Lancet	n/a	£9.50	200	£0.048
Cambridge Sensors	Microdot Professional Safety Lancet	2.2mm/23G	Safety Lancet	n/a	£9.50	200	£0.048

Apollo Medical Technologies	Apollo Tri-Plus Safety Lancets	1.3mm/1.8mm/2.3mm/23G	Safety Lancet	n/a	£9.95	200	£0.050
Apollo Medical Technologies	Apollo Tri-Plus Safety Lancets	1.3mm/1.8mm/2.3mm/28G	Safety Lancet	n/a	£9.95	200	£0.050
GlucoRx	GlucoRx Safety Lancets	2.2mm/23G	Safety Lancet	n/a	£5.50	100	£0.055
GlucoRx	GlucoRx Safety Lancets	1.8mm/26G	Safety Lancet	n/a	£5.50	100	£0.055
GlucoRx	GlucoRx Safety Lancets	1.8mm/28G	Safety Lancet	n/a	£5.50	100	£0.055
GlucoRx	GlucoRx Safety Lancets	1.6mm/30G	Safety Lancet	n/a	£5.50	100	£0.055
Ypsomed**	mylife Safety Lancets	0.36mm/28G	Safety Lancet	n/a	£12.00	200	£0.060
Ypsomed**	mylife Safety Lancets Comfort	0.32mm/30G	Safety Lancet	n/a	£12.00	200	£0.060

\*Greenfine lancet, ALLY lancet, and GlucoRx Lite Safety Lancets to be launched on Drug Tariff

\*\*Supplier in process of transferring ownership from Ypsomed to MTD Medical Technology and Devices

## Insulin Pen Needles

- For adults, there is no clinical reason for recommending needles longer than 8mm, most adults of average body weight should use needles of 6mm or less.
- For children and adolescents, there is no clinical reason for using needles longer than 6mm. Needles of shorter length (e.g. 4mm) help prevent accidental IM injection.
- 4, 5, 6 and 8mm needles are the recommended sizes locally.
- All needles are for single use only.
- The locally approved insulin pen needles are shown below. All of these cost less than £5/100 needles and are compatible with all insulin pen devices. All are 31 or 32G (gauge)
- Use the most cost-effective pen needles suitable for the patient (table presents brands in ascending order of price per 100 needles, beginning with the left-hand column)

Insulin needle	Cost/100	Insulin needle	Cost/100
<b>Carefine</b> (4mm, 5mm, 6mm, 8mm)	<b>£2.75</b>	<b>Tri Care</b> (4mm, 5mm, 6mm, 8mm)	<b>£3.95</b>
<b>GlucoRx CarePoint</b> (4mm, 5mm, 6mm, 8mm)	<b>£2.75</b>	<b>Omnican Fine</b> (4mm, 5mm, 6mm)	<b>£3.95</b>
<b>MyLife Penfine Classic</b> (4mm, 5mm, 6mm, 8mm)	<b>£3.55</b>	<b>4SURE</b> (31G: 4mm, 5mm, 6mm, 8mm); (32G: 4mm, 5mm, 6mm)	<b>£3.95</b>
<b>PROfine</b> (4mm, 5mm, 6mm, 8mm)	<b>£3.80</b>		
<b>BD Viva</b> (4mm, 5mm, 8mm)	<b>£3.94</b>	<b>Neon Verifine</b> (4mm, 5mm, 6mm, 8mm)	<b>£4.50</b>

## Safe disposal of sharps

District councils provide a domestic clinical waste collection service. Patients should refer to the following websites to complete the relevant forms for regular clinical waste collections. Some of the forms are to be completed by the GP/HCP, this will be indicated on the website.

Mid Essex	South East Essex	South West Essex
<b>Maldon district council:</b> <a href="https://www.maldon.gov.uk/info/20000/waste_and_recycling/9331/clinical_waste_collections">https://www.maldon.gov.uk/info/20000/waste_and_recycling/9331/clinical_waste_collections</a>	<b>Southend-on-Sea Borough Council:</b> <a href="https://www.southend.gov.uk/recyclingwaste/hazardous-household-waste/2">https://www.southend.gov.uk/recyclingwaste/hazardous-household-waste/2</a>	<b>Brentwood Borough Council:</b> <a href="https://www.brentwood.gov.uk/-/householdwaste#clinical-waste">https://www.brentwood.gov.uk/-/householdwaste#clinical-waste</a>
<b>Chelmsford city council:</b> <a href="https://www.chelmsford.gov.uk/bins-andrecycling/special-collections/clinical-waste-collections/">https://www.chelmsford.gov.uk/bins-andrecycling/special-collections/clinical-waste-collections/</a>	<b>Castle Point Borough Council:</b> <a href="https://www.castlepoint.gov.uk/clinicalwaste/">https://www.castlepoint.gov.uk/clinicalwaste/</a>	<b>Basildon Borough Council:</b> <a href="http://www.basildon.gov.uk/article/4816/Clinical-andHazardous-Waste">www.basildon.gov.uk/article/4816/Clinical-andHazardous-Waste</a>
<b>Braintree district council:</b> <a href="https://www.braintree.gov.uk/bins-wasterecycling/dispose-clinical-waste">https://www.braintree.gov.uk/bins-wasterecycling/dispose-clinical-waste</a>	<b>Rochford District Council:</b> <a href="https://www.rochford.gov.uk/environment/recycling/what-goes-where">https://www.rochford.gov.uk/environment/recycling/what-goes-where</a>	<b>Thurrock Council:</b> <a href="http://www.thurrock.gov.uk/clinicalwaste/disposing-of-clinical-waste">www.thurrock.gov.uk/clinicalwaste/disposing-of-clinical-waste</a>

## Further Considerations

### Standards

As a minimum, all recommended blood glucose meters and strips are compliant with the ISO Standard 15197:2015, measure in mmol/l and provide plasma-calibrated meter readings only. No calibration or coding of meters is required, and they have a shelf-life ≥3years.

### Prices

All prices quoted in the commissioning recommendations are the Drug Tariff prices as of 1<sup>st</sup> May 2025, which can be subject to change.

### Technical Support

All recommended suppliers will provide free technical support by a freephone telephone number, support material and meter training for both service users and healthcare professionals.

## Identification of the preferred blood glucose and ketone meters, testing strips and lancets

The identification of the preferred blood glucose and ketone meters, testing strips and lancets was conducted following a detailed evaluation process that considered both quality and cost, which was developed alongside stakeholders, including diabetes specialist nurses, consultant physicians, diabetes pharmacists and people living with diabetes.

Selection at a local level for the Mid and South Essex Integrated Care System, seeks to use the resources provided from NHS England but to streamline to local preferred options within each category. This streamline ensures a manageable number of devices for which clinical staff can maintain competence with recommending and providing patient education. It also enables local community pharmacies to maintain a stock holding of locally preferred products, improving the patient experience when collecting prescriptions.

References	<a href="https://www.england.nhs.uk/publication/commissioning-recommendations-blood-glucose-and-ketone-meters-testing-strips-and-lancets/">https://www.england.nhs.uk/publication/commissioning-recommendations-blood-glucose-and-ketone-meters-testing-strips-and-lancets/</a> <a href="#">NHS England » National medicines optimisation opportunities 2024/25</a>
Acknowledgements	Diabetes Specialist Nurses across Mid and South Essex Health and Care Partnership (including representatives from adult and paediatric services and acute and community providers)
Version	4.0
Author	MSEMOC working group
Approved by	Mid and South Essex Medicines Optimisation Committee (MSEMOC)
Date Approved	September 2025
Review Date	September 2030

## Appendix A: Details and Key Features of locally recommended meters

### A. Menarini Diagnostics

<b>Supplier</b>	<b>A. Menarini Diagnostics</b>
<b>Contact Details</b>	Sam Maylott - National ICS & HB Manager Email: <a href="mailto:smaylott@menarinidiag.com">smaylott@menarinidiag.com</a> Mobile: 07775 585618

Meter	Key Features	
	Connectivity	QuickLink NFC, Bluetooth and dedicated USB cable
	Applications	Glucolog Lite, Glucolog Web & RapidCalc Bolus Advice App, Glooko and Diasend
	Warnings	Hypo/hyper alert up to six settable acoustic alarms (3 glucose alarms & 3 ketone alarms)
	Alerts	Hypo & hyper alerts & four markers available
	Sample size	0.5µL- Glucose / 0.8µL- Ketone
	Reaction time	5 Seconds - glucose / 8 Seconds - ketone
	Display	Large, bright display, 4.8cm x 4cm
	Meter size	10.7cm x 5.8cm x 1.35cm
	Technical support	<a href="http://www.glucomen.co.uk/glucofix-tech">www.glucomen.co.uk/glucofix-tech</a> 08002 43667 <a href="mailto:customersupport@menarinidiag.co.uk">customersupport@menarinidiag.co.uk</a>
	Recycling information	Accepts old unused meters for disposal, where not possible by patients or healthcare professionals
	Other features	<ul style="list-style-type: none"> <li>○ No coding needed</li> <li>○ Meal markers</li> <li>○ Extra-large memory</li> <li>○ Strip ejector</li> <li>○ Averages 1, 7, 14, 30, 60, 90 days</li> <li>○ Training and support available</li> </ul>

# AgaMatrix

<b>Supplier</b>	<b>AgaMatrix</b>
<b>Contact Details</b>	Liam Summerill - National Sales Manager Email: <a href="mailto:lsummerill@agamatrix.com">lsummerill@agamatrix.com</a> Mobile: 07825 021773

Meter	Key Features	
<p><b>Agile</b></p> 	Connectivity	Bluetooth connectivity to smartphone/tablet (iOS and Android)
	Applications	<ul style="list-style-type: none"> <li>○ AgaMatrix Diabetes Manager</li> <li>○ Diasend®/Glooko® (Hedia)</li> <li>○ ALLY®</li> <li>○ Apple Health</li> </ul>
	Warnings	<ul style="list-style-type: none"> <li>○ Low/dead battery</li> <li>○ Temperature</li> <li>○ Strip error</li> </ul>
	Alerts	Reminder alarms (time and event-based)
	Sample size	0.5µl
	Reaction time	Up to 5 seconds
	Display	LED
	Meter size	65mm (L) x 30mm (W) x 10mm (H)
	Technical support	<ul style="list-style-type: none"> <li>○ Customer Care telephone support available on 0800 093 1812 (8am-5:30pm Monday-Friday plus out of hours answerphone service).</li> <li>○ Technical support also available via email (<a href="mailto:customercare@agamatrix.co.uk">customercare@agamatrix.co.uk</a>) and website (<a href="http://agamatrix.co.uk">agamatrix.co.uk</a>).</li> </ul>
	Recycling information	<ul style="list-style-type: none"> <li>○ Waste Management Programme - AgaMatrix meters that have reached the end of their lifespan are sent for recycling with a third-party waste management company that have employed a 0% to landfill policy for over 12 years.</li> <li>○ Reduce Meter Wastage Programme – AgaMatrix meters that have not reached the end of their lifespan are decontaminated, reset and repackaged in the UK to be used again the market.</li> </ul> <p>Contact AgaMatrix Customer Care on 0800 093 1812 for more information.</p>
	Other features	<ul style="list-style-type: none"> <li>○ Fasting tag</li> <li>○ Kit contents: 10 strips, 10 lancets, 2 spare batteries</li> </ul>

- Pairing and synchronisation with apps

Meter	Key Features	
<p><b>ALLYbgk</b></p> 	Connectivity	Bluetooth connectivity to smartphone/tablet (iOS and Android) Cable connectivity to PC
	Applications	<ul style="list-style-type: none"> <li>○ AgaMatrix Diabetes Manager</li> <li>○ Diasend®/Glooko® (Hedia)</li> <li>○ ALLY®</li> <li>○ Apple Health</li> </ul>
	Warnings	<ul style="list-style-type: none"> <li>○ Temperature</li> <li>○ Low battery</li> <li>○ Hypo and hyper results</li> <li>○ Incorrect strip insertion</li> <li>○ Pre-used strip</li> <li>○ Strip expiration</li> <li>○ Sample underfill</li> </ul>
	Alerts	Reminder alarms (time and event-based)
	Sample size	0.4µl for blood glucose 0.5µl for blood ketones
	Reaction time	Up to 5 seconds for glucose Up to 8 seconds for ketones
	Display	Backlit LCD
	Meter size	103.5mm (L) x 54mm (W) x 15.9mm (H)
	Technical support	<ul style="list-style-type: none"> <li>○ Customer Care telephone support available on 0800 093 1812 (8am-5:30pm Monday-Friday plus out of hours answerphone service).</li> <li>○ Technical support also available via email (<a href="mailto:customercare@agamatrix.co.uk">customercare@agamatrix.co.uk</a>) and website (<a href="http://agamatrix.co.uk">agamatrix.co.uk</a>).</li> </ul>
	Recycling information	<ul style="list-style-type: none"> <li>○ Waste Management Programme - AgaMatrix meters that have reached the end of their lifespan are sent for recycling with a third-party waste management company that have employed a 0% to landfill policy for over 12 years.</li> <li>○ Reduce Meter Wastage Programme – AgaMatrix meters that have not reached the end of their lifespan are decontaminated, reset and repackaged in the UK to be used again the market.</li> </ul> Contact AgaMatrix Customer Care on 0800 093 1812 for more information.

Other features	<ul style="list-style-type: none"> <li>○ Duo glucose and ketone testing functionality</li> <li>○ Carbohydrate counting and bolus advisor available (Glooko with Hedia)</li> <li>○ Strip ejector</li> <li>○ Generous kit contents: 10 strips, 10 lancets, 2 spare batteries</li> <li>○ Mealtime tags</li> <li>○ 1-, 7-, 14-, 30-, 60- and 90-day averages</li> <li>○ Large digits, bright display</li> <li>○ No set up required/pre-set with date and time for immediate testing</li> </ul>
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Meter	Key Features	
<p><b>WaveSense JAZZ WIRELESS</b></p> 	Connectivity	Bluetooth connectivity to smartphone/tablet (iOS and Android)
	Applications	<ul style="list-style-type: none"> <li>○ AgaMatrix Diabetes Manager</li> <li>○ Diasend®/Glooko® (Hedia)</li> <li>○ ALLY®</li> <li>○ GDM-Health</li> <li>○ Apple Health</li> <li>○ My mHealth</li> <li>○ Social Diabetes</li> </ul>
	Warnings	<ul style="list-style-type: none"> <li>○ Low/dead battery</li> <li>○ Temperature</li> <li>○ Strip error</li> </ul>
	Alerts	Reminder alarms (time and event-based)
	Sample size	0.5µl
	Reaction time	Up to 5 seconds
	Display	LED
	Meter size	65mm (L) x 30mm (W) x 10mm (H)
	Technical support	<ul style="list-style-type: none"> <li>○ Customer Care telephone support available on 0800 093 1812 (8am5:30pm Monday-Friday plus out of hours answerphone service).</li> <li>○ Technical support also available via email (<a href="mailto:customer@agamatrix.co.uk">customer@agamatrix.co.uk</a>) and website (<a href="http://agamatrix.co.uk">agamatrix.co.uk</a>).</li> </ul>

Recycling information	<ul style="list-style-type: none"> <li>○ Waste Management Programme - AgaMatrix meters that have reached the end of their lifespan are sent for recycling with a third-party waste management company that have employed a 0% to landfill policy for over 12 years.</li> <li>○ Reduce Meter Wastage Programme – AgaMatrix meters that have not reached the end of their lifespan are decontaminated, reset and repackaged in the UK to be used again the market. Contact AgaMatrix Customer Care on 0800 093 1812 for more information.</li> </ul>
Other features	<ul style="list-style-type: none"> <li>○ Fasting tag</li> <li>○ Auto-detection of QC</li> <li>○ Kit contents: 25 strips, 30 lancets, 2 spare batteries</li> <li>○ Simple pairing and synchronisation with apps</li> </ul>

## Connect 2 Pharma

<b>Supplier</b>	<b>Connect 2 Pharma</b>
<b>Contact Details</b>	Nick Robinson Switchboard: 020 3307 4646 Email: <a href="mailto:nick.robinson@connect2pharma.co.uk">nick.robinson@connect2pharma.co.uk</a> Mobile: 07968 446969

Meter	Key Features	
 <p>The image shows a dark blue On Call Extra blood glucose meter. The screen displays '12-13 16:12' at the top, a large '5.5' in the center, and 'MEM mmol/L' at the bottom. There are two navigation buttons at the bottom of the device.</p>	Connectivity	USB download capability
	Applications	On Call® Care Alliance (iPhone and Android)
	Warnings	<ul style="list-style-type: none"> <li>○ Hyper, hypo, ketone</li> <li>○ Incorrectly inserted strips</li> <li>○ Pre-used strip</li> <li>○ Temperature warning</li> <li>○ Low battery</li> </ul>
	Alerts	Five daily test reminders High, low, ketone

Sample size	0.4µL
Reaction time	4 seconds
Display	Large display with bold numbers (31.6mm x 34.2mm)
Meter size	81.5mm x 48.3mm x 16mm
Technical support	020 8651 0361 <a href="http://www.OnCallMeters.co.uk">www.OnCallMeters.co.uk</a> info@OnCallMeters.co.uk
Recycling information	Collection to be arranged by dispensing practice
Other features	<ul style="list-style-type: none"> <li>○ Audible fill detection</li> <li>○ Easy insert strip port</li> <li>○ Re-dosing capability within 3 seconds</li> <li>○ Strip ejector</li> <li>○ Soft touch buttons</li> <li>○ Audible fill detection</li> <li>○ 7, 14, 30, 60, and 90 day averaging</li> </ul>

Meter	Key Features	
<p><b>On Call Extra Voice</b></p> 	Connectivity	USB download capability
	Applications	On Call® Care Alliance (iPhone and Android)
	Warnings	<ul style="list-style-type: none"> <li>○ Hyper, hypo, ketone</li> <li>○ Incorrectly inserted strips</li> <li>○ Pre-used strip</li> <li>○ Temperature warning</li> <li>○ Low battery</li> </ul>
	Alerts	Five daily test reminders High, low, ketone
	Sample size	0.4µL
	Reaction time	4 seconds
	Display	39mm x 42mm
	Meter size	100mm x 61mm x 24mm

Technical support	020 8651 0361 <a href="http://www.OnCallMeters.co.uk">www.OnCallMeters.co.uk</a> info@OnCallMeters.co.uk
Recycling information	Collection to be arranged by dispensing practice
Other features	<ul style="list-style-type: none"> <li>o Re-dosing capability within 3 seconds</li> <li>o Strip ejector</li> <li>o Soft touch buttons</li> <li>o Easy insert strip port</li> <li>o Audio guidance</li> <li>o Audible fill detection</li> </ul>

Meter	Key Features	
<p style="text-align: center;"><b>On Call Extra Mobile</b></p> 	Connectivity	Bluetooth
	Applications	On Call® Care Alliance (iPhone and Android) and Glooko®
	Warnings	<ul style="list-style-type: none"> <li>o Hyper, hypo, ketone</li> <li>o Incorrectly inserted strip</li> <li>o Pre-used strip</li> <li>o Temperature warning</li> <li>o Low battery</li> </ul>
	Alerts	Five daily test reminders
	Sample size	0.4µL
	Reaction time	4 seconds
	Display	50mm x 25mm
	Meter size	75mm x 40mm x 13mm
	Technical support	020 8651 0361 <a href="http://www.OnCallMeters.co.uk">www.OnCallMeters.co.uk</a> info@OnCallMeters.co.uk
	Recycling information	Collection to be arranged by dispensing practice

	Other features	<ul style="list-style-type: none"> <li>○ Easy to use with a large clear screen</li> <li>○ Meal markings</li> <li>○ No coding, easy strip insertion</li> <li>○ Small and convenient</li> <li>○ Soft touch buttons</li> </ul>
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## GlucoRx

<b>Supplier</b>	<b>GlucoRx Ltd</b>
<b>Contact Details</b>	Priya Thakur Email: <a href="mailto:priya@glucorx.co.uk">priya@glucorx.co.uk</a> Tel: 01483 755133

Meter	Key Features	
<b>GlucoRx Q</b> 	Connectivity	Smartphone connectivity to free 'GlucoRx Voyager.'  USB cable for free Windows software: 'GlucoRx HealthCare Management System' & 'GlucoRx Voyager.' GlucoRx meter and Voyager are integrated with (I) Apple Health app (II) 'Vision'  Alexa integration also available for Voyager users.
	Applications	Diasend®/Glooko® and Eclipse Remote Platform <a href="https://www.eclipselive.org">https://www.eclipselive.org</a>
	Warnings	High and low blood glucose results
	Alerts	<ul style="list-style-type: none"> <li>○ Used test strip inserted</li> <li>○ Ambient temperature above or below system operation range</li> <li>○ Test strip is removed while counting down, or insufficient blood volume</li> <li>○ Low battery</li> </ul>
	Sample size	0.5µL for GlucoRx Q Test Strips
	Reaction time	5 seconds for blood glucose test result
	Display	37(H) x 18(W) mm
	Meter size	93(L) x 36(W) x 21.3(H) mm

Technical support	8am-5pm Monday to Friday. Call-back service to voicemails left outside these times and on Bank holidays. Email, online chat on GlucoRx website
Recycling information	This device must be returned to a collection point for recycling electric and electronic devices according to local laws. If it contains batteries, the batteries should be removed and disposed in accordance with locations for separate collection of spent batteries. Users can request a jiffy bag for return of their devices to GlucoRx's Customer care team (orders@glucorx.co.uk, tel 01483 755133 / 0800 007 5892) who will dispose responsibly according to local regulations. GlucoRx representatives are able to remove unused meters from primary and secondary care facilities. All meter inserts and packaging are made from 100% recyclable paper/cardboard.
Other features	Backlit screen

Meter	Key Features	
<b>GlucoRx Q Blue</b> 	Connectivity	Bluetooth and smartphone connectivity to free apps: 'GlucoRx BGMs' & 'GlucoRx Voyager'. USB cable for free Windows software: 'GlucoRx HealthCare Management System' & 'GlucoRx Voyager'. GlucoRx meter and Voyager are integrated with (I) Apple Health app (II) 'Vision' Alexa integration also available for Voyager users.
	Applications	GlucoRx has applied for Diasend®/Glooko® compatibility with this new meter - integration is in progress. ECLIPSE Remote Platform (eclipselive.org)
	Warnings	High and low blood glucose results
	Alerts	<ul style="list-style-type: none"> <li>○ Used test strip inserted</li> <li>○ Ambient temperature above or below system operation range</li> <li>○ Test strip is removed while counting down, or insufficient blood volume</li> <li>○ Low battery</li> </ul>
	Sample size	0.5µL for GlucoRx Q Test Strips
	Reaction time	5 seconds for blood glucose test result

Display	50(H) x 35(W) mm
Meter size	97(L) x 52(W) x 16(H) mm
Technical support	8am-5pm Monday to Friday. Call-back service to voicemails left outside these times and on Bank holidays. Email, online chat on GlucoRx website
Recycling information	This device must be returned to a collection point for recycling electric and electronic devices according to local laws. If it contains batteries, the batteries should be removed and disposed in accordance with locations for separate collection of spent batteries. Users can request a jiffy bag for return of their devices to GlucoRx's Customer care team (orders@glucorx.co.uk, tel 01483 755133 / 0800 007 5892) who will dispose responsibly according to local regulations. GlucoRx representatives are able to remove unused meters from primary and secondary care facilities. All meter inserts and packaging are made from 100% recyclable paper/cardboard.
Other features	<ul style="list-style-type: none"> <li>○ Bluetooth</li> <li>○ Hi-Low target settings</li> <li>○ Result colour indicator</li> <li>○ Strip ejector</li> </ul>

Meter	Key Features	
<p><b>GlucoRx Smart</b></p> 	Connectivity	Bluetooth and smartphone connectivity to free apps: 'GlucoRx BGMs' & 'GlucoRx Voyager'. USB cable for free Windows software: 'GlucoRx HealthCare Management System' & 'GlucoRx Voyager'. GlucoRx meter and Voyager are integrated with (I) Apple Health app (II) 'Vision' Alexa integration also available for Voyager users.
	Applications	GlucoRx has applied for Diasend®/Glooko® compatibility with this new meter - integration is in progress. ECLIPSE Remote Platform (eclipselive.org)
	Warnings	High and low blood glucose and blood ketone results (above below/target range) Ketone warning when blood glucose result ≥15mmol/L

Alerts	<ul style="list-style-type: none"> <li>○ Used test strip inserted</li> <li>○ Ambient temperature above or below system operation range</li> <li>○ Test strip is removed while counting down, or insufficient blood volume</li> <li>○ Low battery</li> </ul>
Sample size	0.5µL for GlucoRx Smart Glucose Test Strips 1.0µL for GlucoRx Smart Ketone Test Strips
Reaction time	5 seconds for blood glucose test result 10 seconds for blood ketone test result
Display	50(H) x 35(W) mm
Meter size	95(L) x 64(W) x 24(H) mm
Technical support	8am-5pm Monday to Friday. Call-back service to voicemails left outside these times and on Bank holidays. Email, online chat on GlucoRx website
Recycling information	<p>This device must be returned to a collection point for recycling electric and electronic devices according to local laws. If it contains batteries, the batteries should be removed and disposed in accordance with locations for separate collection of spent batteries.</p> <p>Users can request a jiffy bag for return of their devices to GlucoRx's Customer care team (orders@glucorx.co.uk, tel 01483 755133 / 0800 007 5892) who will dispose responsibly according to local regulations.</p> <p>GlucoRx representatives are able to remove unused meters from primary and secondary care facilities. All meter inserts and packaging are made from 100% recyclable paper/cardboard.</p>
Other features	<ul style="list-style-type: none"> <li>○ Dual meter</li> <li>○ GDH-FAD enzyme technology</li> <li>○ Large, LCD screen with back light</li> <li>○ No coding</li> <li>○ 15-65% haematocrit range</li> <li>○ Hi-Low target setting</li> <li>○ Results colour indicators</li> <li>○ AC/PC meal markers</li> <li>○ 0.5µL blood volume for glucose result in 5 seconds. 1.0µL blood volume for ketone result in 10 seconds.</li> <li>○ Stores 1000 non-deletable result with day averages</li> <li>○ Ketone warning</li> <li>○ Discreet testing</li> </ul>

	<ul style="list-style-type: none"> <li>○ Alternative Site Testing (AST)</li> <li>○ Four alarms</li> <li>○ Strip ejection</li> <li>○ Data transfer by Bluetooth connectivity or strip port cable.</li> </ul>
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## Neon Diagnostics

<b>Supplier</b>	<b>Neon Diagnostics</b>
<b>Contact Details</b>	Alan Wheeler - National Sales Manager Email: <a href="mailto:alan@neondiagnosics.co.uk">alan@neondiagnosics.co.uk</a> Mobile: 07860 265642

Meter	Key Features	
<b>Finetest Lite</b>  	Connectivity	USB
	Applications	Gluco Diary software
	Warnings	<ul style="list-style-type: none"> <li>○ Problem with meter</li> <li>○ Used test strip</li> <li>○ Insufficient blood</li> <li>○ Damaged test strip</li> <li>○ Blood applied too soon</li> <li>○ Wrong test strip</li> <li>○ Low temperature</li> <li>○ High temperature</li> <li>○ Low reading</li> <li>○ High reading</li> <li>○ Low battery</li> </ul>
	Alerts	<ul style="list-style-type: none"> <li>○ High reading</li> <li>○ Low reading</li> <li>○ Programmable alarms</li> <li>○ Meal markers</li> </ul>
	Sample size	0.5µL
	Reaction time	5 seconds
	Display	Large, easy to read high contrast display
	Meter size	83mm x 56mm x 17mm
	Technical support	<a href="http://www.neondiagnosics.co.uk">www.neondiagnosics.co.uk</a> 0800 009 3378

Recycling information	Recycle in line with local recommendations, alternatively contact Neon Diagnostics for support
Other features	<ul style="list-style-type: none"> <li>○ Starter Kit has 25 strips and 25 lancets</li> <li>○ Strip ejector</li> <li>○ No coding required</li> <li>○ Programmable averages</li> <li>○ Alternative site testing</li> <li>○ Meal markers</li> <li>○ Programmable alarms</li> </ul>

Meter	Key Features	
<p><b>Finetest Lite Smart</b></p> 	Connectivity	Bluetooth, USB cable
	Applications	Glooko App, Finetest Lite App
	Warnings	<ul style="list-style-type: none"> <li>○ Problem with meter</li> <li>○ Used test strip</li> <li>○ Insufficient blood</li> <li>○ Damaged test strip</li> <li>○ Blood applied too soon</li> <li>○ Wrong test strip</li> <li>○ Low temperature</li> <li>○ High temperature</li> <li>○ Low battery</li> </ul>
	Alerts	<ul style="list-style-type: none"> <li>○ High reading</li> <li>○ Low reading</li> </ul>
	Sample size	0.5µL
	Reaction time	5 seconds
	Display	Large, easy to read, high contrast display
	Meter size	83mm x 56mm x 17mm
	Technical support	<a href="http://www.neondiagnosics.co.uk">www.neondiagnosics.co.uk</a> 0800 009 3378
	Recycling information	Recycle in line with local recommendations, alternatively contact Neon Diagnostics for support

Other features	<ul style="list-style-type: none"> <li>○ Starter Kit has 25 strips and 25 lancets</li> <li>○ One-step Bluetooth pairing</li> <li>○ Strip ejector</li> <li>○ No coding required</li> <li>○ Programmable averages</li> <li>○ Alternative site testing</li> <li>○ Meal markers</li> <li>○ Programmable alarms</li> </ul>
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Meter	Key Features	
	Connectivity	Bluetooth
	Applications	Glooko App, VivaGuard App
	Warnings	<ul style="list-style-type: none"> <li>○ Blood applied early</li> <li>○ Used test strip</li> <li>○ Incorrect test strip</li> <li>○ Incorrect sample</li> <li>○ Temperature</li> <li>○ Hardware issue</li> <li>○ Insufficient blood sample</li> <li>○ Low battery</li> <li>○ High reading</li> <li>○ Low reading</li> </ul>
	Alerts	<ul style="list-style-type: none"> <li>○ Hypo warning</li> <li>○ Ketone warning</li> <li>○ 5 adjustable alarms</li> </ul>
	Sample size	0.5µL Glucose, 0.8µL Ketone
	Reaction time	5 seconds glucose, 10 seconds ketone
	Display	Large meter and large screen, high contrast display
	Meter size	93.5(H) x 60.5(W) x 20(D) mm
	Technical support	<a href="http://www.neondiagnosics.co.uk">www.neondiagnosics.co.uk</a> 0800 009 3378
	Recycling information	Recycle in line with local recommendations, alternatively contact Neon Diagnostics for support

	Other features	<ul style="list-style-type: none"> <li>○ Starter kit has 2 ketone strips included</li> <li>○ Alternate site testing</li> <li>○ Test strip ejector</li> <li>○ Meal markers</li> <li>○ Large memory</li> <li>○ Wide haematocrit range 0-70%</li> </ul>
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## Nipro Diagnostics

<b>Supplier</b>	<b>Nipro Diagnostics</b>
<b>Contact Details</b>	Matthew Thornton - Sales and Marketing Manager Email: <a href="mailto:Matthew.Thornton@nipro-group.com">Matthew.Thornton@nipro-group.com</a> Mobile: 07825 371485

Meter	Key Features	
<p><b>4SURE Smart Duo</b></p> 	Connectivity	Bluetooth and USB/Smartphone
	Applications	Diasend/Glooko, Diabetes:M and other relevant applications
	Warnings	<ul style="list-style-type: none"> <li>○ High and low results</li> <li>○ Low battery</li> <li>○ Temperature</li> <li>○ Ketone</li> </ul>
	Alerts	<ul style="list-style-type: none"> <li>○ Testing – 4 x alarm reminders / ketone alerts</li> <li>○ Pre and post meal markers</li> </ul>
	Sample size	0.5µL
	Reaction time	5 seconds (blood glucose test) / 10 seconds (βketone tests)
	Display	Large, backlit display
	Meter size	89.8 (L) x 54.9 (W) x 18 (H) mm
	Technical support	Free training and technical support offered to both healthcare professionals and end users Phone: 0800 08 588 08 Email: <a href="mailto:diagnostics-uk@nipro-group.com">diagnostics-uk@nipro-group.com</a> Website: <a href="http://www.nipro-diagnostics.co.uk">www.nipro-diagnostics.co.uk</a>  'How to' training videos can also be found on website
	Recycling information	Meters can be sent back for recycling in accordance with WEEE regulations

	Other features	<ul style="list-style-type: none"><li>○ 7, 14-, 30-, 60- &amp; 90-day results averages</li><li>○ Longer than average strip shelf life</li></ul>
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