



Unio™  
Neva

# Enjoy integration.



swiss design

## mylife™ Unio™ Neva – the clever and discreet blood glucose meter.

- Modern blood glucose monitoring system for intuitive operation
- Automatic data transfer for quick and simplified therapy monitoring
- Connectivity to the mylife™ App for a convenient bolus suggestion
- Side-loading test strip for hygienic strip removal without blood contact
- Comfortable blood sampling with the automatic load and release function of mylife™ AutoLance™

Easy data transfer  
via Bluetooth® and  
micro-USB



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## mylife™ Unio™ Neva

Inspired by users – designed and modernised for you

A few years ago we asked people with diabetes what they consider to be the ideal blood glucose meter. Based on their requests and suggestions, we developed mylife™ Unio™ – a patient focused blood glucose monitoring system that meets user requirements: a discreet and high quality blood glucose meter with intuitive operation, hygienic test strip handling and a lancing device with comfortable blood sampling – all combined in a compact and practical case.

As times change, technologies in diabetes management reach new standards. We have updated our blood glucose meter with a connectivity standard which allows easy data transfer via Bluetooth® and micro-USB.

mylife™ Unio™ Neva is the ideal blood glucose monitoring system for people who appreciate an uncomplicated and reliable diabetes therapy. The device automatically transfers therapy data via Bluetooth® and micro-USB to the mylife™ App.

Simplified data management allowing more time to enjoy life.



## A comprehensive concept

Design, technology and functionality all in one

mylife™ Unio™ Neva will motivate your patients to enhance their blood glucose monitoring through its technology in a miniaturised format. Its centrepiece is a compact blood glucose meter that meets high standards – it is easy to handle, accurate, precise and robust. Measurement data can automatically be transferred via Bluetooth® to the mylife™ App (iOS/Android) and via micro-USB to different therapy management software (as of mylife™ Software version 2.0 also via Bluetooth®). In return, settings on the blood glucose meter can easily be done in the mylife™ App. The mylife™ AutoLance™ is a high precision lancing device. With an automatic load and release function and constant pricking pressure, it ensures comfortable and virtually painless blood sampling.



## Components at a glance

All you need for a plain and simple measurement



### mylife™ Unio™ Neva blood glucose meter

- Modern design, small and handy
- Easy-to-read menu-based LCD display with intuitive operation
- Display available in different languages
- Fast and accurate<sup>1</sup> results
- Bluetooth® and micro-USB: data can be transferred to the mylife™ App and to therapy management software such as the mylife™ Software
- Blood glucose target range can be defined
- Alarm functions with 4 daily alarms
- Up to 4 markers can be selected for each measurement and be edited subsequently



### mylife™ AutoLance™ lancing device

- Automatic load and release function in one step
- Automatic pressure control allows steady pricking pressure and thus ensures almost painless blood sampling
- Safety button prevents unintentional release
- 7 variable puncture depths
- Practical bayonet lock and stop function for easy lancet replacement
- AST cap available for alternative measuring sites



### mylife™ Unio™ test strip

- High accuracy and precision with GDH-FAD enzyme<sup>1,2</sup>
- Autocoding
- High Definition Signal Transmission (HDST)
- Solid test strip for a good grip
- Test strip removal without blood contact
- Easy taking of test strips from the compact vial



## Measurement straight from the mylife™ SmartCase™

Easy and discreet in any situation

Your patients will not only experience fast and discreet measurements with the mylife™ SoftCase, but also with the compact and practical mylife™ SmartCase™, which is available as an accessory. With the handy mylife™ SmartCase™, measurements can easily be done on-the-go.



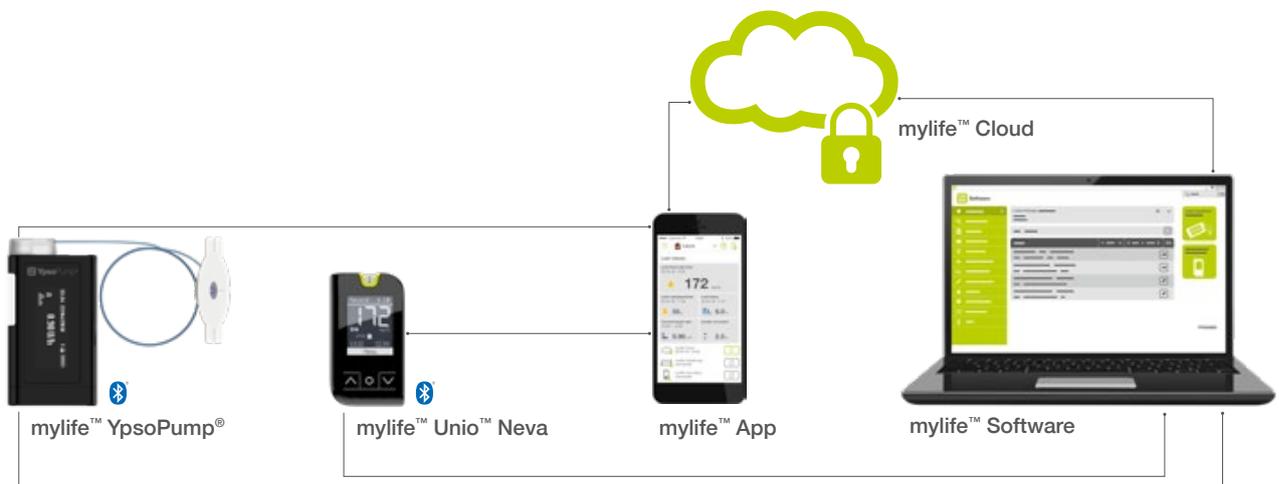
- Compact integration of all components
- Discreet appearance without attracting attention
- Spare lancets compartment
- Easy disposal of used test strips



## mylife™ Unio™ Neva

The perfect match for mylife™ YpsoPump®

mylife™ Unio™ Neva is ideal for diabetes self-management in combination with the mylife™ YpsoPump® insulin pump. Both devices have Bluetooth® connection and can send data wirelessly to the mylife™ App. This enables users to combine their blood glucose data and pump data in one therapy management solution, giving users an overview of their therapy and convenient bolus suggestions. Thanks to the mylife™ Cloud, data synchronisation between health care professionals and patients is easier than ever. Treatment discussions are simplified as both parties can access identical graphs and statistics directly in the mylife™ Cloud. This makes mylife™ Unio™ Neva the perfect match for the mylife™ YpsoPump®.

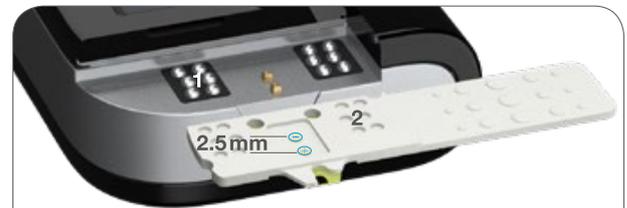


Download the mylife™ App directly from the Apple App Store or Google Play Store and find more information about the mylife™ Software on your mylife™ Diabetescare website: [www.mylife-diabetescare.co.in/digital](http://www.mylife-diabetescare.co.in/digital)



## Autocoding and High Definition Signal Transmission (HDST) for reliable accuracy and precision

Autocoding stands for the automatic calibration of the meter, meaning modern blood glucose measuring systems correct the measurement automatically. The measurement of mylife™ Unio™ Neva is adjusted by a specific correction value stored in the Autocoding module of the meter, correcting the measured blood glucose value as close as possible to the reference device. The patient does not have to calibrate the meter manually by inserting a code or key.



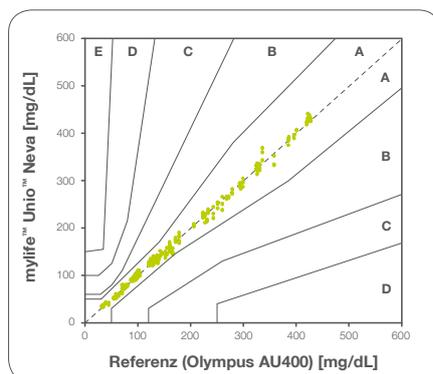
- 1 Autocoding module
- 2 Autocoding slots to be recognised (every code pin engages with the specific flat or concave hole and can then define the binary coding information)

Signal transmission from the test strip to the device is crucial for the quality of measurement results. mylife™ Unio™ Neva uses the innovative High Definition Signal Transmission (HDST) technology, which enables precise and accurate signalling. The very short signal path of just 2.5 mm and gold contacts help to minimise interference and thus ensure very good signal transmission. Gold is one of the most corrosion-resistant of all established conductive materials, ensuring optimal signal transmission from test strip to measurement device.<sup>3</sup>

In the context of the requirements of ISO 15197:2013<sup>4</sup>, mylife™ Unio™ Neva's advanced measuring technique leads to convincing results:

### System accuracy<sup>1</sup>

ISO 15197:2013 demands  $\geq 95\%$  of measurements within  $< 100$  mg/dL at a glucose concentration  $\pm 15$  mg/dL and within  $\pm 15\%$  at a glucose concentration  $\geq 100$  mg/dL. All three reagent system lots achieved 100% within  $\pm 15$  mg/dL and  $\pm 15\%$ . 100% of mylife™ Unio™ Neva test results (600 of 600 pooled measurements) cover zone A in the Consensus Error Grid (CEG) (A and B zones must be  $\geq 99\%$ ).



### Definition of the error grid zones:

- Zone A** No effect on clinical action
- Zone B** Altered clinical action – little or no effect on clinical outcome
- Zone C** Altered clinical action – likely to affect clinical outcome
- Zone D** Altered clinical action – could have significant medical risk
- Zone E** Altered clinical action – could have dangerous consequences

### Measurement precision<sup>2</sup>

mylife™ Unio™ Neva shows very good results when tested for measurement repeatability (ten meters, three test strip lots at five glucose ranges):  $SD \leq 2,3$  mg/dL (TNO<sup>5</sup> acceptance criteria:  $SD \leq 10$  mg/dL at glucose concentrations  $< 100$  mg/dL) and  $CV \leq 2,6\%$  (TNO criteria:  $CV \leq 5\%$  at a glucose concentration  $\geq 100$  mg/dL).



## Technical data

### Competitive product features

Product specifications	
<b>Technology</b>	Electrochemical: GDH-FAD
<b>Haematocrit range</b>	20 – 70 % when blood glucose ≤ 200 mg/dL 20 – 60 % when blood glucose > 200 mg/dL
<b>Calibration</b>	Plasma
<b>Sample</b>	Capillary, venous and arterial whole blood
<b>Blood volume / Measuring time</b>	0.7 µL / 5 seconds
<b>Memory</b>	1 000 measurements
<b>Measurement range</b>	10 – 600 mg/dL
<b>Data interface</b>	Wireless via Bluetooth® or with cable via micro-USB port
<b>Data management</b>	Data can be transferred to the mylife™ App and to therapy management software such as the mylife™ Software, SiDiary and Diabass®. (diasend® conformity to be reconfirmed. Please contact your local Ypsomed customer service).
<b>Screen and operation</b>	LCD screen with multilingual menu navigation. Simple and intuitive with helpful symbols. If preferred, settings can be done via the mylife™ App. Error messages with symbols and suggestion for correction.
<b>Illumination</b>	Illuminated screen for good readability day and night
<b>Blood glucose target range</b>	An upper and a lower limit can be set, warning signals during measurement
<b>Alarm functions</b>	4 alarms with possible repeat function
<b>Event markers</b>	Markers for pre-prandial and post-prandial, sport, illness, special. Up to 4 markers for each measurement result.
<b>Power supply</b>	2 CR2032 coin cell batteries (about 600 measurements)



## mylife™ Unio™ Neva and accessories

### Product overview

	Item	Code
<b>Blood glucose measurement starter set</b>	mylife™ Unio™ Neva set	700012000
<b>Test strips</b>	mylife™ Unio™ test strips	700012965
<b>Lancets</b>	mylife™ Lancets (box of 200 units)	7101030
	mylife™ Lancets multicolor (box of 200 units)	7101031
	mylife™ SafetyLancets (box of 100 and 200 units)	700009359 / 7100031
	mylife™ SafetyLancets Comfort (box of 100 and 200 units)	700009361 / 700001495
<b>Accessories</b>	mylife™ Unio™ SmartCase™	700000503
	mylife™ micro-USB cable	700012330

**1** Bionime Corporation: Test Report for the System Accuracy Evaluation Blood Glucose Monitoring System GM722 (mylife™ Unio™ Neva), Chung Shan Medical University Hospital, Taiwan, 09.2017.

**2** Bionime Corporation: Test Report for the Evaluation of Precision (ISO 15197:2013), Model GM722 (mylife™ Unio™ Neva) and Strip GS720 (mylife™ Unio™), Taichung, Taiwan, 08.2017.

**3** Hsu C. et al.: Fabrication of a Glucose Biosensor Based on Inserted Barrel Plating Gold Electrodes. Anal Chem 2009, 81(1): 515–518. DOI: 10.1021/ac8019619.

**4** ISO 15197:2013; In vitro diagnostic test systems – Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus. International Organisation for Standardization, Geneva.

**5** Post H. et al.: Portable In-Vitro Blood Monitor Systems for (Self)-Monitoring-Blood Glucose Monitors – Particular Requirements and Test Methods. TNO Quality Guideline PG/TG/2001 045 2001. Delft: TNO, 2001.



**Diabetescare**

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management



Pen needles

With its mylife™ Diabetescare brand, Ypsomed offers a comprehensive portfolio of products and services for people with diabetes. This allows users easy, discreet and reliable self-treatment. With mylife™ Diabetescare, self-treatment becomes simpler and easier.

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