



**High Quality and
Reliability in SpO₂**

The EnviteC Commitment to You



Quality

- Certified compliance based on currently valid standards and guidelines
- High-quality medical grade components
- High manufacturing standards
- Superior product engineering and design

Flexibility

- Aligned product portfolio for pulse oximetry - sensors, cables and hand-held monitoring from one source
- Large variety of SpO₂ sensors compatible to leading monitoring manufacturers
- Wide range of customized products
- Optimized solutions for different requirements



Safety

- Guaranteed compatibility to the original sensor regarding accuracy and specification
- Certified electromagnetic compatibility (EMC)
- Use of latex free and biocompatible components
- Clear hygienic concept

Efficiency

- Advanced products for workflow and process optimization
- High durability and reliability of product components
- Easy ordering and quick delivery from one single supplier
- Product portfolio for every budget

Medical solution for healthcare facilities

- Hospitals
- Home health care
- Hospital similar institutions



Health
made in Germany

For an EnviteC product this means:
“German Quality Engineering”.

Modern medical technology focussed on everyday requirements of physicians and patients has top priority for us as a manufacturer and distributor of high-quality medical sensors and monitoring equipment.

From standard sensors to customized sensors

EnviteC has been developing and manufacturing highly specialized products for medical applications for more than twenty years now. As a subsidiary of the Honeywell International Inc. technology group, one of the largest sensor manufacturers worldwide, EnviteC trusts in the quality of advanced production methods and processes.

The result is a broad array of high quality products for pulse oximetry – sensors for determining arterial oxygen saturation (SpO₂) and pulse rate (PR) as well as handheld monitoring systems (pulse oximeters). Experienced EnviteC engineers continually analyze customer requirements. This input is used for the most diverse standards and OEM applications and ongoing support is provided right up to the final integration in the solutions.

Standards / Guidelines

Compliant with
European MDD
RoHS
WEEE
FDA regulations

Conforming to
EN ISO 13485
EN ISO 9001
DIN EN ISO 80601-2-61

DIN EN ISO

CE 0123



The product portfolio is characterized by a maximum possible degree of precision. All sensors share the same extraordinary quality and durability - every product undergoes one hundred percent final quality control.

The medtech market is constantly evolving – and EnviteC is no exception. EnviteC’s research and development activities are consistently aligned to customer and market needs – identification and optimization of sustainable product solutions are the main concerns of the company.

Medical solutions for in and outpatients

- Neonates/newborns
- Infants
- Pediatrics
- Adults



The most suitable SpO₂



SoftTip® plus

SoftTip®

FingerClip

EarClip

Application area



Hospitals

- Normal ward
- Intermediate care
- Intensive care unit
- Operating room
- Recovery
- Emergency room
- Transport



Hospital similar institutions



Home health care



Rescue service



Additional information

- Indication of weight of the patient groups depends on validation of technology and monitoring systems as well as on the place of positioning and the sensor type.
- Please refer to the Instructions for Use.

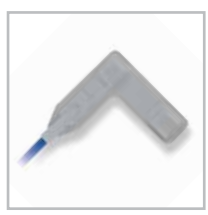


For monitors from leading manufacturers

Suitable accessories and sensors of different monitoring manufacturers, as well as for EnviteC devices, you will find in the EnviteC XRL Cross Reference List under www.EnviteC.com and in the Apple App Store under EnviteC XRL as free download.



sensor for your application



Multisite Wrap

Multisite Y

Adhesive

D-Wrap

✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
✓	✓	✓	✓
			✓
			✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓



Patient groups

Adult	
Pediatric	
Infant	
Neonate	

The SoftTip® family – best performance



With the SoftTip® family, EnviteC offers an uncompromising solution:

A long-term reusable finger sensor that provides easy cleaning by complete submersion in cleaning liquid withstands maximum mechanical stress. The unique product design guarantees extraordinarily high patient comfort and exceptionally accurate measurement results.

Compatibility with common monitoring devices from most of well-known manufacturers is guaranteed.

This means a rapid return on investment and huge cost savings compared with other alternative solutions.

SoftTip® plus and SoftTip®

- Easy handling and optimal cleaning and disinfection
- Maximum resistance to mechanical stress
- High wearing comfort through right sizes for all applications

SoftTip® plus only

- Maximum hygiene safety with automated cleaning, disinfection and steam sterilization (low temperature plasma sterilization)



Your added value

- Patient safety – clear hygiene concept (infection control)
- Patient comfort – ergonomic design & premium quality
- Process optimization – streamlined workflow

Efficient cleaning and disinfection



1. turn inside out



2. clean inside



3. turn back

Manufacturer	Product Name	Use
Schülke & Mayr GmbH www.schuelke-mayr.com	Gigasept Instru AF (glyco derivative)	Manual cleaning and disinfection
	Gigasept FF (Aldehyde)	
Dr. Schumacher GmbH www.schumacher-online.com	Perfektan TB	Manual disinfection
	Descoton Forte (Aldehyde)	
Chemische Fabrik Dr. Weigert GmbH & Co.KG www.drweigert.de	Neodisher LM2	Manual cleaning
	Neodisher MediClean forte	Automated cleaning (thermal disinfection)
	Neodisher MediKlar	Automated rinsing (thermal disinfection)
Borer Chemie AG www.borer.ch	Deconex 22 LIQ/ 24 LIQ	Automated cleaning (thermal disinfection)
	Deconex 26 plus	Automated cleaning (neutralisation/ pre-rinsing)
Laboratoires Steridine	Ampholysine 400	Manual cleaning

Table:
Tested alkaline cleaning and disinfecting agents. Please see instructions for sterilization in the web / download area on www.EnviteC.com



Important information

- The disinfection refers to the complete sensor - including sensor cable and connector.
- Further notes to be found in the Instructions for Use.



EarClip – comfortable and reliable



Using a SpO₂ probe for non-invasive monitoring of arterial oxygen saturation is a standard of care in most hospital settings and other medical environments. The most commonly-used probes are placed on the fingertip of the patient. But there are other ways of probe positioning that provide good clinical practice and offer alternatives, especially when the conditions are bad.

The ear lobe is a proven and clinically utilized measuring point. Especially with regard to clinical accuracy the EarClip is not only equivalent to the FingerClip, but in some cases has even been reported to be superior.

For children and adults the ear lobe may be the preferred measuring point due to reduced interference from motion artifacts.



Your added value

- Patient comfort – lightweight & free-moving space
- Workflow optimization – easy-to-apply & stays in place
- High reliability – fast response & less motion artifacts

Disposable Sensors – easy and safe



D-Wrap – the added comfort

- Comfort in re-positioning (soft medical grade tape)
- Less adhesive-related skin trauma where necessary – neonates, geriatric patients, patients with burn injuries
- Adapted for environment with elevated heat and humidity



Adhesive – the standard

- Good fit
- Flexible and adaptable
- Easy to use



Disposable SpO₂ sensors do not entail the risk of cross-contamination caused by medical products that are re-used from patient to patient. The high flexibility, adaptability and biocompatibility of the applied soft material makes this kind of sensor type ideal for applications where the patient needs extended long-term monitoring.

Your added value

- Safety – single use
- Reliability – the right size for different demands
- Workflow optimization – easy-to-handle & form fitting design



MySign® S & OxiPen® two valid partners



Pulse oximetry is a non-invasive, simple and reliable technology that measures the functional oxygen saturation of arterial blood (SpO₂) and the pulse frequency. The availability of small, portable and handheld pulse oximeter monitors offers numerous and different application areas in healthcare environments.

SpO₂ sensors are the core element in practice. They are applied to the corresponding body parts of the patient.



MySign® S

is an intelligent solution for non-invasive vital sign monitoring – an easy-to-use monitor that provides exceptionally accurate readings.

One device – many options

- Suited for continuous and spot check SpO₂ monitoring
- Designed as a portable or stationary device
- Measures SpO₂, pulse rate and displays the plethysmographic pulse wave
- Facilitates accurate diagnosis and monitoring

Your added value

- Safety – all information at a glance
- Versatility – for spot check and continuous monitoring in varied application areas
- Comfort – easy-to-use & easy-to-clean & robust



FingerClip – convenient and standardized

- Need-oriented and acceptable practice
- Well-suited reusable solution for inpatient and outpatient, for spot check and short-term monitoring
- Quick and easy to handle

A wide range of reusable and disposable SpO₂ sensors guarantees the optimal solution for all applications.



OxiPen®

offers proven performance and ultimate versatility in spot check SpO₂ monitoring.

Small in size – easy-to-use

- Designed for the pocket
- User-friendly with two button operating interface
- Reliable guide in “patient to patient” spot check SpO₂ monitoring

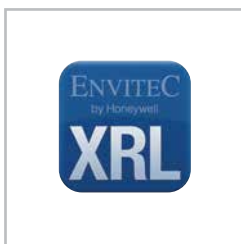
Your added value

- Comfort – small & lightweight design
- Workflow optimization – simple start up
- Efficiency – cost effective solution





EnviteC specializes in the research, development and production of customized medical equipment. The product range also includes oxygen sensors for various types of respirators. EnviteC is one of the few manufacturers worldwide providing a breath analyzer that ensures accurate alcohol concentration measurements. For more detailed information please visit our website [www. envitec.com](http://www.envitec.com)



Cross Reference List

For suitable accessories and sensors please refer to the EnviteC XRL Cross Reference List under www.EnviteC.com and in the Apple App Store under EnviteC XRL as free download



EnviteC OxiPen®

Small in size – big in performance, proven & trusted SpO₂ technology for spot-check measuring

FDA cleared



EnviteC MySign®S

High performance handheld SpO₂ monitor for spot-check and continuous measuring in hospital, emergency and home health care environment

FDA cleared



Quality Management System

EnviteC is maintaining a quality management system, which meets the requirements according to EN ISO 9001 and EN ISO 13485.

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Technical information is subject to change without notice!

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