# $SpO_2$ Sensors and Monitors

ENVITEC
by Honeywell

## High Quality and Reliability in $SpO_2$

# 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 handheld monitoring from one source
- Large variety of $SpO_2$ 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 focused 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 ($SpO_2$) 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

TÜV SÜD EN ISO 13485

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 $SpO_2$ sensor for your application

| Application area | SoftTip® plus | SoftTip® | FingerClip | EarClip | Multisite Wrap | Multisite Y | Adhesive | D-Wrap |
|---|---|---|---|---|---|---|---|---|
| **Hospitals** | | | | | | | | |
| Normal ward | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Intermediate care | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Intensive care unit | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Operating room | ✔ | ✔ | ✔ | ✔ | | | | ✔ |
| Recovery | ✔ | ✔ | ✔ | ✔ | | | | ✔ |
| Emergency room | ✔ | ✔ | ✔ | ✔ | | | | ✔ |
| Transport | ✔ | ✔ | ✔ | ✔ | | | | ✔ |
| **Hospital similar institutions** | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| **Home health care** | ✔ | ✔ | ✔ | ✔ | | | | ✔ |
| **Rescue service** | ✔ | ✔ | ✔ | ✔ | | | | ✔ |

## Patient groups

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Adult** | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| **Pediatric** | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| **Infant** | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ |
| **Neonate** | | | | | ✔ | ✔ | ✔ | ✔ |

## 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.

EnviteC XRL EnviteC Cross Reference List

# 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)

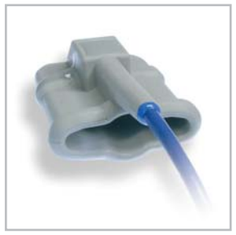
## Your added value

- 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 |
| | Descolon 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 desinfecting agents. Please see instructions for sterilizing 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.