

## Technical data

Specification		
Measuring range	SpO <sub>2</sub>	0 - 100%
	Pulse rate	20 - 300 BPM
Accuracy	SpO <sub>2</sub>	+/- 2% (70 - 100%)
	Pulse rate	+/- 1 BPM (up to 100/min), +/- 1% (> 100/min)
Display		
Characters	OLED colour graphic display, 262,000 colours, 128 x 160 dots	
Features	Oxygen saturation, pulse frequency, plethysmogram, bar graph, short and long time operation	
Indicators	Signal strength and signal quality, pulse amplitude, battery status, alarm mute, sensor recognition, sensor disconnection	
Trend information		
	Long term trend	more than 48 hours
	Short term trend	15 min/30 min/4 hrs
Environmental conditions		
Operation	-20 - 50°C, 15 - 95% R.H., 600 - 1300 hPa	
Storage	-30 - 70°C, 10 - 95% R.H., 600 - 1500 hPa	
Miscellaneous		
Construction	splash-proof	
Standards	EN 60601-1/EN 865/ISO 9919: 2005/IEC 60601-1-2:2004	
Safety	Class of protection II / type BF	
Dimensions (LxWxH)	11.8 cm x 6 cm x 2.5 cm	
Weight	approx. 160 g (with batteries, without sensor)	
Power supply	3 batteries (Mignon AA)	
Operational duration	> 2 days continuous operation / approx. 4 days in power economy mode	
PC interface	USB 2.0	
Order information		Item order nr.
OxyTrue® A, complete	1020112001	<b>Delivery package:</b> OxyTrue® A, basic device, SC 6500 SoftCap® Sensor, PC software, USB data cable, silicone protector, 3 batteries (Mignon AA)
Please indicate language version when ordering		Central Europe Version: GB, DE, ES, FR, HU, IT, NL, PL, PT, ZA Scandinavian Version: GB, DK, FI, SE Special European Character Version: GB, GR, RU, TR Asia I: GB, CN, traditional CN Asia II: GB, JP, KOR
Accessories		Item order nr.
SoftCap® Sensor, SC 6500	1020132001	3rd generation soft sensor, 1.2 m long silicone cable
SoftFlap® Finger Sensor, SF 6500	1020132002	Fingerclip sensor with ambient light shield, 1.2 m long PVC cable
Extension cable, XT 6500	1020132275	1.2 m PVC cable
Extension cable, XT 6501	1020122058	2.4 m PVC cable
Universal mounting kit	1020122059	V-Adapter with female pole mount thread
Universal pole mount adapter	1020122060	Adapter with vertical and horizontal adjustments
Carry case	1020122061	Device carry case with shoulder strap
OxyCharge A/S charger kit, EU	2020122038	Charger unit, 12 VDC car adapter, 3 NiMH rechargeable batteries AA, 2100 mAh

Other sensors and accessories on request.

Specification subject to change

bluepoint MEDICAL sales partner

All OxyTrue® A – SpO<sub>2</sub> monitors including SoftCap® Sensor are classified and certified as class IIb products.

For further information, please visit  
[www.bluepoint-medical.com](http://www.bluepoint-medical.com)

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# OxyTrue® A – SpO<sub>2</sub> Monitor

» without compromise

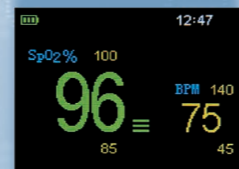
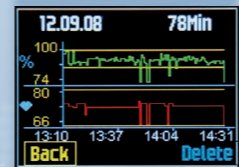
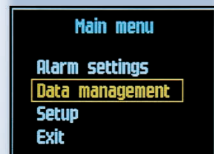


» PRODUCTS that care for you «

Rubber boot®

SAPPHIRE® TECHNOLOGY

Made in Germany



#### COMPREHENSIVE STANDARD ACCESSORIES

- 3rd generation soft sensor
- PC software
- USB data cable
- Silicone protector

Efficient, « comprehensive and modern

» The compact ergonomic design and integrated ChipOx® technology guarantee highly precise and reliable measurements, even under the most difficult conditions.

- **OxyTrue® A** is the result of the innovative strengths of **bluepoint® MEDICAL**
- Self-explanatory and ergonomic functions enable intuitive operation
- The colour information display, as well as the simple information structure, support quick decisions and a rapid user reaction in critical situations
- Intelligent linking of visual and acoustic information and signals
- The pulse tone frequency provides information about the level of oxygen saturation
- Automatic suppression of ambient light influences
- Signal quality indications
- Extremely fast measurement indication made possible with fuzzy logic (3-5 s)
- Simple handling and clear error messages effectively prevent incorrect operation of the **OxyTrue® A**
- 18 language variations available for operational control
- The most modern technologies and energy-saving elements enable continued use of the device over several days
- Rapid data transfer using a standard USB interface
- Silicone protective cover included in the package
- Energy supply from standard alkaline batteries, Mignon AA



» Flexible, robust and hygienic



SoftCap® – Sensor for all finger sizes

The **SoftCap®** sensors from the **Rubberboot®** series are the 3rd generation of soft sensors utilising the latest production technologies, materials and design elements.

The new **Thermo-Q** optosets from **bluepoint® MEDICAL** have a thermo-balanced light radiation characteristic with high light efficiency which significantly improves signal to noise ratio.

#### PATIENT COMFORT

- Structured design elements for an ergonomic fit
- Compared to conventional finger clip sensor technology does not adversely affect perfusion
- Bio-compatible and latex free silicone housing helps to prevent allergic skin reactions
- Reduced pressure load on the finger enables longer repositioning intervals

#### FLEXIBLE AND ROBUST

- Elastic and flexible sensor head
- Sensor head resists highest mechanical stress in comparison to conventional finger clip sensors

#### RELIABLE

- The construction and design minimise both motion and ambient light interferences



SoftCap® – Simple cleaning and disinfection

#### » Typical applications

**OxyTrue® A** with **SoftCap®** Sensor is particularly suitable for us in:

- Clinical operations
- Rescue services and emergency medicine
- Sleep studies
- Homecare
- Long-term monitoring
- Stress testing