

Technical data

Display		
Characters	Active OLED colour graphic display, 262 000 colours, 128 x 160 pixel	
Features	Oxygen saturation, Pulse Rate (PR), plethysmogram, bar graph, short and long time operation	
Indicators	Signal strength and signal quality, pulse amplitude, battery status, alarm mute, sensor recognition, sensor disconnection	
Specification		
Measurement Range	SpO ₂	0 - 100 %
	Pulse Rate	20 - 300 1/min
Accuracy	SpO ₂	+/- 2 % (70 - 100 %)
	Pulse Rate	+/- 1 digit (up to 100 1/min), +/- 1 % (> 100 1/min)
Trend information		
Long term trend	more than 48 hours	
Short term trend	15 min/30 min/4 h	
Language versions		
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	
Environmental conditions		
Operation	-20 - 50 °C, 15 - 95 % RH (non-condensing), 600 - 1300 hPa	
Storage	-30 - 70 °C, 10 - 95 % RH (non-condensing), 600 - 1500 hPa	
Classification		
Safety	Class of protection II / Type BF	
Construction	Water-resistant construction IPX 2, IPX 4 version on request	
Standards	EN 60601-1; EN 865/ISO 9919: 2005; IEC 60601-1-2:2004	
Miscellaneous		
Dimensions (L x W x D)	11.8 cm x 6 cm x 2.5 cm	
Weight	approx. 160 g (including batteries, without sensor)	
Power supply	3 batteries (Mignon AA)	
Battery capacity	> 2 days continuous operation / approx. 4 days in power economy mode	
Communication interface	USB 2.0	
Order information		
	Item order no.	
OxyTrue® A, complete	1020112001	Delivery package standard: OxyTrue® A, basic device, SC 6500 SoftCap® Sensor, PC software, USB data cable, silicone protector, 3 batteries (Mignon AA)
Please indicate delivery package version when ordering	1020112001	Delivery package paediatric: Including SCP 6500 SoftCap® Sensor instead of SC 6500 SoftCap® Sensor
Accessories		
	Item order no.	
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 SpO₂ Monitors including SoftCap® Sensor are classified and certified as class IIb products.

For further information, please visit
www.bluepoint-medical.com

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OxyTrue® A – SpO₂ 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



SoftCap* – Sensor for all finger sizes

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 rate 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**
- 20 language variations available for operational control, other languages on request
- 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

Optional accessoires

To mount the device:

- Universal mounting kit (1020122059)
- Universal pole mount adapter (1020122060)

To extend for disposable sensor use:

- Extension cable, XT 6500, 1,2 m (1020132275)
- Extension cable, XT 6501, 2,4 m (1020122058)



Flexible, robust and hygienic

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, robust and hygienic

- Elastic and flexible sensor head
- Sensor head resists highest mechanical stress in comparison to conventional finger clip sensors
- With the new **SoftCap® A Sensors**, it is possible to autoclave SpO₂ sensors at 134° C

Reliable

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



SoftCap* – Simple cleaning and disinfection

» Typical applications

OxyTrue® A with **SoftCap® Sensor** are suitable for the following applications:

- Clinical environment
- Rescue services and emergency medicine
- Sleep screening
- Home care
- Long-term monitoring
- Stress testing

