

Technical data

| Specification | | |
|--|---|--|
| Measuring range | SpO ₂ | 0 - 100% |
| | Pulse rate | 20 - 300 BPM |
| Accuracy | SpO ₂ | +/- 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 | Delivery package: 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

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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

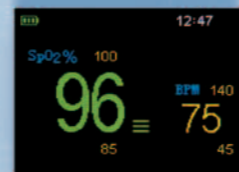
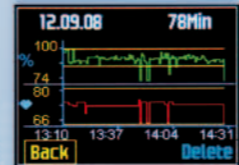
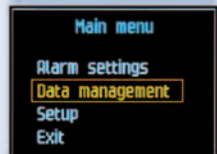
» without compromise



» PRODUCTS that care for you «



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



SoftCap® – Sensor for all finger sizes

» 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 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