

503DX miniSPO₂T™

*Proprietary DOX™ digital SpO₂ and heart rate in one handheld monitor!
24 hours of continuous operation. The rugged, reliable, incredibly
cost-effective solution for hospitals, clinics, private offices, and EMS.*

Powerful Capabilities

- Advanced DOX™ SpO₂ and Heart Rate for routine, periodic spot-check measurements and transport monitoring.
- With just one compact, ultra-lightweight, handheld monitor, accommodate all of your patients – from neonatal to adult.
- Unique DOX™ digital SpO₂ technology for improved pulse recognition and artifact rejection.
- Fully compatible with our comprehensive line of high-quality reusable and disposable sensors.
- 4 AA batteries provide 24 hours of continuous operation.



Detect and assess changes in oxygen saturation in record

time! The miniSPO₂T, with the same advanced DOX™ digital technology as our multiple parameter vital signs monitors, lets you evaluate oxygen saturation and heart rate in a broad range of patients, from neonatal to adult. Small, lightweight, and easy to use, the miniSPO₂T is ideal for spot-check and transport monitoring in hospitals, clinics, private offices, and EMS.

Practical features, like 24 hours of continuous operation and a full 4-year replacement guarantee, combined with an incredible price, make the rugged, reliable miniSPO₂T a truly exceptional value.

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Technical Specifications

Pulse Oximetry

Range: 0% to 99%
Resolution: 1%
Accuracy: 70% to 99% range: $\pm 2\%$;
40% to 69% range: $\pm 3\%$;
<40%: unspecified
Method: Dual wavelength LED

Heart (Pulse) Rate

Range: 20 to 300bpm
Resolution: 1bpm
Accuracy: ± 1 bpm or $\pm 1\%$, whichever is greater

Displays

Type: LED
Parameters: SpO₂; pulse rate; pulse bar
Status: Sensor; Low Battery

Mechanical

Weight: With batteries: 280g; 10 oz
Size: Base unit: 14.6cm (H) x 9.1cm (W) x 3.3cm (D); 5.75" (H) x 3.6" (W) x 1.3" (D)

Battery

Type: 4; AA alkaline (included);
life: 24 hr continuous operation

Environmental

Operating Temperature: 0° to 45° C; 32° to 113° F
Storage Temperature: -20° to 50° C; -4° to 122° F
Operating Humidity: 15% to 90%, noncondensing

Classification

Type of Protection: Class II equipment
Degree of Protection: Type CF defibrillator-proof equipment
Safety: EN60601-1



Quality systems registered to ISO 9001 and CE marking per Annex II, Clause 3 of Council Directive No. 93/42/EEC concerning medical devices by TÜV Product Service GmbH, Munich.

Specifications subject to change without notice.