

GE Datex Ohmeda TuffSat

Pulse Oximeter

Designed to deliver accurate SpO₂ readings in mobile, fast-paced environments

The TuffSat is a small, durable, portable pulse oximeter that operates on battery power. It is designed specifically for spot-checking arterial oxygen saturation (SpO₂) and pulse rate. This easy-to-use oximeter is ideal for use in the following environments: respiratory care, subcritical care for hospital satellite locations, home care, prehospital / EMS, rehabilitation, physician's office.

FEATURES

- Lightweight, ergonomic design with rubber grip for easy handling.
- Clear display for quick readings in the field.
- Relative Perfusion Index (PIr®) helps ensure best probe placement, saving time and increasing accuracy.
- Battery-operated unit requires four 1.5V alkaline AA batteries.
- TruTrak data sampling system enables the TuffSat to calculate SpO₂ many times each second for reliable readings during times of low perfusion, motion or electrical interference.
- Low battery indicator.
- Comes standard with neoprene carrying case with belt clip.



SPECIFICATIONS



Weight:
9 oz (257 g)



Dimensions:
6" x 2.8" x 1.2"
(15 cm x 7 cm x 3 cm)



SPO₂:

Calibration: Functional

Range: 0 to 100%

Accuracy:

70 to 100% ± 2 digits,
below 70% unspecified

First Reading (Full Accuracy):

≤ 12 seconds

Resolution: 1%

Sensors:

Red LED Peak

Wavelength Range:

650 to 670 nm

Infrared (IR) LED Peak

Wavelength Range:

930 to 950 nm

Average Power: ≤ 1 mW

Pulse Rate:

Range:

40 to 255 beats
per minute (bpm)

Accuracy:

40 to 100: ± 2 bpm,
100 to 255: ±%

First Reading (Full Accuracy):

≤ 12 seconds

Resolution: 1 bpm

2659-2022-08-09