

Finger Tip Pulse Oximeter Prince 100B



Prince-100B

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- Lightweight, convenient to handheld
- Backlight LCD
- SpO₂ and PR and PI display
- Automatic start after a finger is detected
- Automatic power off without input signal for 8 seconds
- Audible & visual alarms for SpO₂, PR and low battery
- Low voltage indicator



2 VIEWING ANGLES



PI = Perfusion Index

Specifications List	Prince-100B
Display Mode	Backlight LCD Display
Power Supply	1.5V (AAA size) alkaline battery × 2 Supply voltage: 2.7V~3.3V
Working Current	≤40mA
SpO ₂	Measuring range: 35%~99% Resolution: ±1% Accuracy: ±2% (75%~99%) ±3% (50%~75%)
Pulse Rate	Measuring range: 30~240bpm Resolution: ±1bpm Accuracy: ±2bpm or ±2%
Interference Resistance against Ambient Light	Deviation between SpO ₂ in natural indoor lighting condition and in dark room is less than ±1%.
Dimensions	66mm(L)×36mm(W)×33mm(H)
Net Weight	60g (including batteries)



Alarm (Prince-100B/C): SpO₂ ≤90%, PR ≥120bpm, PR ≤50bpm, Low battery.

PI (Perfusion Index) (Prince-100B/C): Measuring range: 0.2%~20%
Resolution: ±0.1%
Accuracy: ±0.1% (0.2%~2%)
±1% (2%~10%)
±2% (10%~20%)

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