

for neo Human Science



astem NIRS Exercise monitor

※ NIRS ※ Nearinfrared spectroscopy

Specification

Size	Sensor : W38 × H44 × D7mm Main Body : W79 × H55 × D24mm Sensor-Body : 500mm(Cable length)	Measuring Time	Less than 1hour : 1sec. unit Over 1hour : 1min. unit
Weight	Sensor : Less than 10g Main Body : 100g(including 2 batteries)	Data Capacity	64,000 data (Once measurement) 200,000 data (Maximum)
Heart rate Sensor	NIRS Ear Sensor	Log Data	Maximum 30 times about Date and Average oxygen concentration.
Battery	AAA alkaline dry cell 2 use	Date	Year/Month/Day (Default : 2008/1/1)
Operating Environment	Temperature 0~40℃ Relative Humidity 30~85%RH	Clock	0:00~23:59 (Default 0:00)
Oxygen Concentration	0~99.9% : 0.1% unit	Thickness of Fat layer	Variable range : 1~10mm (0.5mm unit Default : 3mm)
Heart Rate	Minimum : 50bpm Maximum : 200bpm	Sound	Tone : 2 kinds and silent
Sampling Rate	Variable range : 0.1~10sec. *0.1~1sec. : 0.1sec. unit 1~10sec. : 1sec. unit	Note	Data management software is downloadable from DooO's Web site. Measurement data can be saved by CSV file.

※This product is using technology of Faculty of engineering, Shizuoka university.

※Exercise monitor is not medical equipment.It is not possible to use for medical practice or any similar acts and purpose.

※The specification of this product may change without announcement because of improvement.

※Association for Technical Aids authorization article .

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Technologies for Wellness and Happiness.

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