

HL-10J

EstiNet Cardiac Force Watch

HL-10J is an advanced wearable device for assisting you in evaluating your cardiac force status before/during/after exercise. It can perform personal status detection, such as heart beat count, moving speed, acceleration, etc., in real time and use such information to compute patented Cardiac Force Index (CFI), which can accurately evaluate one's cardiac strength. HL-10J can make alerts if one's sensed CFI falls into dangerous range.

The objective of CFI is trying to measure the force consumed by a human body during each heart beat. The rationale behind this is that the force that can be consumed by a human body is related to the load that can be sustained by its heart (called Heart Strength).

During exercise, the heart is pressurizing itself to pump blood to the whole body. The stronger a human's heart is, the longer he/she can continue higher-intensity exercise. The CFI value can be computed as one's movement distance per his/her heart beat duration. If one's CFI value drops below the dangerous threshold, HL-10J will generate an alert to warn the user against pursuing current exercise.

HL-10J brings a new way to evaluate the strength and the health of our heart. By periodically comparing the CFI value before/during/after exercise, a user can intuitively evaluate whether the intensity of the activities/exercises he/she is proper for his/her own body condition and makes taking exercise safer and really healthy to his/her physical conditions.

Key Features and Benefits

Cardiac Force Index

Cardiac Force Index (CFI) is an index to evaluate the strength of a heart. The formula of CFI has been patented in Taiwan (#I546051) and USA (#US 9,566,010 B2). HL-10J is capable of calculating your CFI at all time before/during/after exercise. Once a user's CFI value drops to the dangerous zone, HL-10J will make an alert to the user for suggesting him/her to stop current activity.

Fitness Tracker

HL-10J can accurately record sensed data about activities, such as step count, moving distance, active minutes, and physical status. Physical status includes blood Oxygen, blood pressure, and body temperature.

24/7 Monitoring

HL-10J automatically monitors your real-time heart rate, and provides comprehensive analysis of your sleep quality (deep sleep, light sleep and wake up time) to help you develop a healthier lifestyle.

Waterproof

HL-10J is designed with IP67 waterproof case, which allows users to wear it for daily exercises without worrying water splash. In addition, its large battery capacity and low power consumption design allows it to achieve longer working hours. HL-10J supports 7-days normal-use working time and 30-day standby time.

Compatibility

Compatible with smartphones running iOS 8.0 & Android 4.4 (or above versions). Download and install specific APPs for HL-10J for further and detailed setup guidance and user manual. Binding HL-10J to your smart phone, alerts such as CFI Emergency, Calendar event, and SMS will be transmitted on specific Apps on smartphones. This way, users are informed of every important messages and reminders.

and More....

HL-10J also provides many application tools, such as alarm clocks, stopwatch, body temperature, timer, blood pressure, blood Oxygen, sleep analysis, calendar event reminding, adjust brightness, and phone finding.

System

- ◆ Display Size: 1.3 Inch Color IPS TFT LCD Display
- ◆ Resolutions: 240 x 240 pixels
- ◆ Main Body: 43.41 x 36.5 x 12.5 mm
- ◆ Watch Strap: 20 x 129 + 20 x 80 mm
- ◆ Charger Mode: Magnetic USB Cable Charger
- ◆ Material: ABS / PC+SUS304
- ◆ Weight: 48 g
- ◆ Blue Tooth: 5.0
- ◆ Waterproof: IP67
- ◆ Functions: Cardiac Force Index, Blood Pressure, Heartrate, Sleep Monitoring, Blood Oxygen, Body Temperature, Stopwatch, Message Forwarding, Lightness Adjustment, Phone Locating and more.
- ◆ Compatibility: iOS 8.0 / Android 4.4 and above

Ordering Information

Product Name	Q'ty(pcs)
HL-10J	< 3000
	3000 ~ 10000
	10000 ~

- ◆ For pricing ,delivery and more information, please contact us: AiGOAL_slaes@estinet.com



AiGOAL

HL-10J

EstiNet 心力計手錶

過去研究證實運動可降低動脈粥狀硬化和冠狀動脈心臟病 (簡稱冠心病) 發生，卻也可能提高猝死風險。運動負載有可能誘發冠狀動脈心臟病，冠心病急救之黃金時間短，而冠狀動脈心臟病常是猝死的主要原因。因此，HL-10J 可提供一個指引健康運動、安全運動的心臟強度量測指標。

心力指標 CFI (Cardiac Force Index) 是從計算每次心跳每秒身體移動時所需要的心臟作功所得，此指標納入運動間加速度參數，便可透過數值充分了解個體在進行體能活動時的狀況；這指標能夠做為身體健康程度和體能訓練強度的評估及監測，並計算人員運動時的心臟健康。

CFI 根據日常活動與運動負載前後來進行心臟強度的量測與評估，希望能安全地動態地調整每次運動量與強度，讓運動時可以更加安全。

HL-10J 就像隨身的心臟科醫生，提醒您，保護運動時不會因為超過負荷而造成身體負擔；配戴他，您現在可以盡情地進行運動了。

產品特色

心力指標

HL-10J 可量測使用者心跳和速度是否正常，並依據心力指標(Cardiac Force Index, CFI)，以用來計算心臟能力；心力指標獲得2018年國家新創獎肯定的發明，並於2016年通過台灣專利(1546051)與美國專利(US 9,566,010 B2)，可用來測量與評估個人日常與運動時心臟的狀態，在進行運動前運用心力指標評估，以及運動中運用心力指標監測心力，有助於預防降低運動猝死風險。

健身追蹤器

HL-10J 可準確的計算日常走路的步數、行走距離、運動時間和體表溫度、血氧、血壓等數據；時時掌握身體的生理狀況，可以隨時進行對應的處置。

HL-10J 可將您所有的運動資料記錄下來，提供未來健身上的參考。

24/7 監控不中斷

HL-10J 全時監測您的即時心率，並可依睡眠紀錄進行狀態分析(清醒、淺睡和深度睡眠)，讓您掌握日常生活模式，提供未來提供大數據分析，提供個人參考做為發展健全生活型態的依據。

防水/長效續航力

HL-10J 無懼沙塵、雨水、汗水侵蝕，符合 IP67 的防水標準；讓您在惡劣的環境下依然勇往直前，成為您進行運動訓練、生理監測、戶外冒險挑戰的最佳裝備。

HL-10J 使用高效鋰電池，低耗電設計讓續航力持久：提供一小時快速充電，並可連續使用 100 小時以上。

系統相容性

可相容於 iOS 8.0 和 Android 4.4 以上的智慧手機，下載對應 HL-10J 之手機版應用程式即可進行個人資料的編輯，讓生理資訊監測更為精準；同時也可於APP中設定行事曆、訊息提醒，讓您能夠事事掌握，不會漏失任何重要資訊和活動。

其他功能

HL-10J 還同時擁有其他便利的功能，如：血氧監測、血壓監測、皮膚溫度量測、鬧鐘時間設定、碼表計時器以及手機尋找，讓您對每天的生活做好準備，可以自信迎接美好的一天。

產品規格

- ◆ 螢幕尺寸: 1.3 Inch Color IPS TFT LCD
- ◆ 解析度: 240 x 240 pixels
- ◆ 主體: 43.41 x 36.5 x 12.5 mm
- ◆ 錶帶: 20 x 129 + 20 x 80 mm
- ◆ 充電方式: 磁吸式 USB 充電
- ◆ 質材: ABS / PC+SUS304
- ◆ 重量: 48 g
- ◆ 藍芽版本: 4.0
- ◆ 防水等級: IP67
- ◆ 具備功能: 心力計指標、血壓監測、心率監測、運動數據即時監測、地圖運動軌跡、血氧監測、體表溫度量測、簡訊通知、運動時間、距離、鬧鐘設定、碼表計時器等
- ◆ 相容系統: iOS 8.0 / Android 4.4 以上

訂購資訊

產品名稱	訂購數量(支)
HL-10J	< 3000
	3000 ~ 10000
	10000 ~

- ◆ 產品價格、運送方式或其他相關問題請與我們連繫:

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