



專業成人秤

使用說明書 MS7301

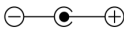


使用產品前請仔細閱讀說明書，妥當保管以供隨時查閱

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標籤圖示說明

	「注意」使用產品前請仔細閱讀說明書和相關文件		勿與一般家用電子設備一起丟棄 (請洽詢所在地的電子設備回收單位處理)
	廢電池請回收		製造商的名稱地址
	使用產品前請仔細閱讀說明書，依照內容操作器材		B 類人體接觸產品
	產品型錄編號		產品生產批次
	產品序號		產品型號
	UDI 單一識別碼 (01) GTIN (11) 生產日期 (21) 序號		顯示值的差異，用來定義和校驗產品
	產品宣告符合相關歐盟指令		紀錄保護模式中與度量相關特性 (例: 重力值) 的參數修改次數
	產品已取得台灣國家通訊傳播委員會 (NCC) 證書		產品符合美國聯邦通訊委員會 (FCC) 規範
	產品符合相關英國指令		產品使用直流電供電，接頭極性採「內正外負」設計。請務必使用符合此極性定義的原廠變壓器，以免造成電路損壞



警告

本產品非醫療器材僅作為重量測量用途；使用前應詳閱使用說明書

版權宣告

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Charder Electronic Co., Ltd.
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安全須知

感謝您選購啟德公司產品。如果您在使用產品時遇到任何說明書未清楚敘述的問題，請洽詢當地的經銷商協助解決您的疑問。使用前請仔細閱讀說明書，了解產品的安裝、使用及日常維護方式等重要資訊。

產品用途

此產品應由專業人士操作，用來量測受測者的體重。

操作注意事項

- 產品應安裝於平穩、平坦、堅硬、防滑的地面。
- 操作產品前，請確保所有零件已確實鎖緊固定。
- 操作產品時，應一次量測一位受測者。
- 在柔軟的表面（例如：地毯）上使用可能會導致測試結果不準確。

安全事項

- 請小心保管電池，避免兒童誤食。若不小心吞下，請立即就醫
- 預計產品壽命：5 年
- 請遵照電子產品相關安全規範操作產品
- 安裝不當將使保固失效
- 設備滿足電磁相容性要求。請勿超過適用標準規定的最大值。
- 產品應在室內使用
- 請遵照使用溫度，確保量測準確度

環境安全

- 電池應依照當地電器回收規範處理，請勿燃燒電池。

產品清潔

- 產品表面建議使用柔軟無絨布搭配 70%-75%酒精進行清潔。
- 請勿使用大量的清水清洗，以免造成內部電子零件的損壞。
- 請勿使用含有腐蝕性的液體或清潔液清潔產品。
- 清潔前，請拔除電源線。

產品維護

- 本產品不需每日保養。然而我們建議定期檢視產品的精準度；檢驗頻率依照使用頻度而異。若準確度有問題，請聯繫當地經銷商。

產品責任/保固

- 產品保固期間為購買日起 18 個月內，請保留您的收據以證明您的購買日期；如收據遺失則由出廠日起算
- 因不當的使用，不正確的儲存方式，改裝，未授權的拆解或使用者的疏忽掉落所發生的損壞，不在保固範圍內
- 本產品如未經由啟德合格的經銷商使用原廠零件進行檢修、拆解、保養、校正等作業，不在保固範圍內

報廢回收處理原則

此產品不應被當作一般家庭廢棄物來處理，請依電子廢棄物回收條例作為處理的準則。您可以聯繫環境保護署以瞭解更多電子廢棄物的處理方式及回收地點或聯繫您當初購買的經銷商處理。



警告

- 請務必使用原廠變壓器
- 請勿用濕手觸摸變壓器
- 請勿摺疊變壓器的線材，避免尖銳處破裂
- 若產品變壓器接在延長線上，請勿過載延長線

- 請勿拉扯變壓器的線
- 設備請遠離液體
- 請勿用猛拉電線的方式移除插頭
- 使用正確接線的 (100-240VAC) 插座，並且不要使用多孔延長線。
- 切勿拆卸或更改設備，否則可能會導致觸電或受傷，並且會對測量精度產生不良影響。
- 請勿讓產品被太陽光直射或放置於接近熱源處。高溫環境將導致內部電子零件受損。

意外事件回報

與設備有關的任何嚴重事件應報告給製造商和用戶/主體成員國的主管當局。

Guidance and manufacturer's declaration-electromagnetic emissions

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.

Emission test	Compliance	Electromagnetic environment-guidance
RF emissions CISPR 11	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations /flicker emissions IEC 61000-3-3	Compliance	

Guidance and manufacturer's declaration-electromagnetic immunity

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge(ESD) IEC 61000-4-2	<u>± 8 kV contact</u> <u>± 2 kV, ± 4 kV,</u> <u>± 8 kV, ± 15 kV</u> <u>air</u>	<u>± 8 kV contact</u> <u>± 2 kV, ± 4 kV,</u> <u>± 8 kV, ± 15 kV</u> <u>air</u>	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%

Electrical fast transient/burst IEC 61000-4-4	± 2kV for power supply lines + 1kV for input/output lines	+ 2kV for power supply lines + 1kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1kV line(s) to line(s) ± 2kV line(s) to earth	+ 1kV line(s) to line(s) + 2kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage Dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<u>0% UT for 0,5 cycle</u> <u>0% UT for 1 cycle</u> <u>70% UT(30% dip in UT) for 25 cycles</u> <u>0% UT for 5 s</u>	<u>0% UT for 0,5 cycle</u> <u>0% UT for 1 cycle</u> <u>70% UT(30% dip in UT) for 25 cycles</u> <u>0% UT for 5 s</u>	Mains power quality should be that of a typical commercial or hospital environment. If the user of the device requires continued operation during power mains interruptions, it is recommended that the device be powered from an uninterruptible power supply or a battery.
Power frequency(50/60 Hz) magnetic field IEC 61000-4-8	<u>30 A/m</u>	<u>30 A/m</u>	The device power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE UT is the a.c. mains voltage prior to application of the test level.			

Guidance and manufacturer's declaration-electromagnetic immunity

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 KHz to 80 MHz	3 Vrms 150 KHz to 80 MHz	Portable and mobile RF communications equipment should be used no closer to any part of the device including cables, than the recommended separation distance calculated
Radiated RF IEC 61000-4-3	<u>6 V in ISM bands between 0,15 MHz and 80 MHz</u> <u>80 % AM at 1 kHz</u>	<u>6 V in ISM bands between 0,15 MHz and 80 MHz</u>	

	3 V/m 80MHz to 2,7 GHz	<u>80 % AM at 1 kHz</u> 3 V/m <u>80MHz to 2,7 GHz</u>	from the equation applicable to the frequency of the transmitter. Recommended separation distance: $d = 1,2 \sqrt{P}$ $d = 1,2 \sqrt{P}$ 80MHz to 800 MHz $d = 2,3 \sqrt{P}$ 800MHz to 2,5 GHz Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey^a, should be less than the compliance level in each frequency range^b. Interference may occur in the vicinity of equipment marked with the following symbol: 
NOTE1 At 80 MHz and 800 MHz, the higher frequency range applies. NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.			
a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device. b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.			

Recommended separation distance between portable and mobile RF communications equipment and the device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = 1,2\sqrt{P}$	80 MHz to 800 MHz $d = 1,2\sqrt{P}$	800 MHz to 2,5 GHz $d = 2,3\sqrt{P}$
0,01	0,12	0,12	0,23
0,1	0,38	0,38	0,73
1	1,2	1,2	2,3
10	3,8	3,8	7,3
100	12	12	23

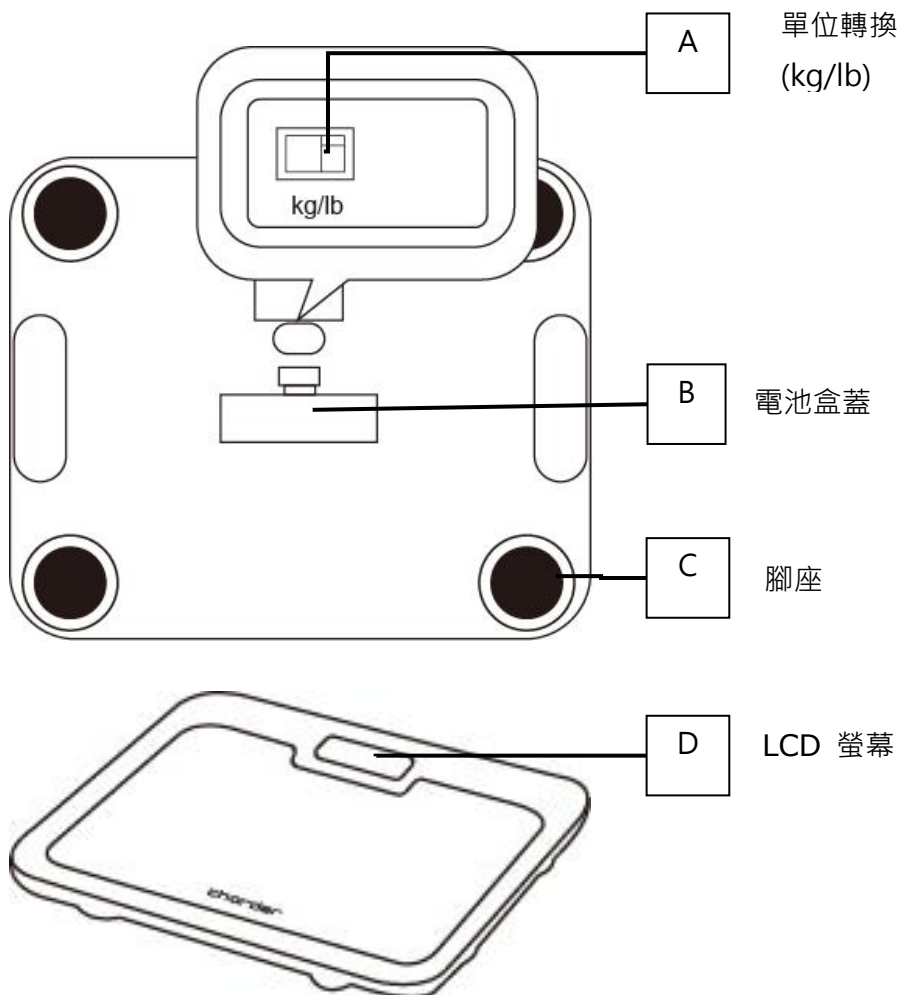
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where p is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

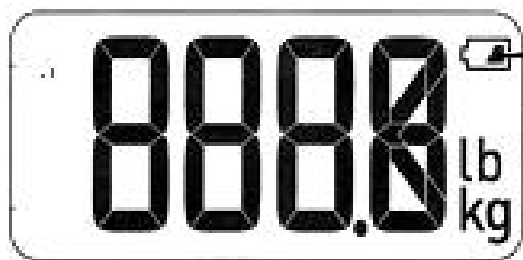
NOTE1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

秤子組裝

■ A. 產品介紹





電量標誌

(低電量或電量耗盡)

■ B. 電池安裝

1. 在產品底部打開電池盒蓋



2. 將 4 顆 3 號電池正確安裝在電池盒內



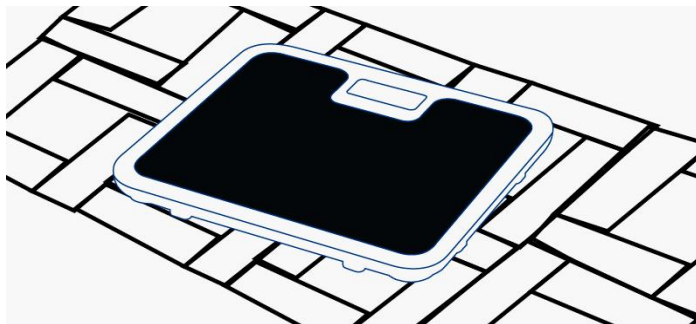
■ C. 單位設定 (kg/lb)

1. 關機時，在產品底部選擇單位 (kg/lb)

產品操作

首次使用設備之前 (自動校正)

- 安裝電池後，將設備放在堅硬、平坦、防滑的表面上。



- 產品會自動進行校正，當完成校正後，產品將會關機。
- 產品現在可以使用了。站上秤台並開機測量體重。

(產品沒有重置按鈕。要重置，請取出電池，再安裝電池，然後重複上述步驟)

故障排除

在連絡啟德經銷商進行產品維修之前，可先進行以下問題排除程序：

自我檢查

1. 產品無法開機

- 請確認是否有安裝電池
- 請確認電池是否有電量
- 請確認電池是否正負極安裝正確

錯誤訊息列表

錯誤訊息	造成原因	建議處理方式
	電量不足	出現此符號時代表電池電量不足，請立即更換電池
	電池用盡	更換新電池
Err 1	測量時移動	保持靜止直到測量完成
Err 2	裝置錯誤	請通知經銷商
Err 3	重量超載 秤台上重量超出產品 最高量程	秤重範圍： 15-250 kg (33-550 lb)
Err 4	自動校正未對準	重新測量
Err	功能失效	請通知經銷商

產品規格

產品型號		MS7301
重量規格	量程	15-100kg x 0.1kg (33-220lb x 0.2lb) 100-250kg x 0.2kg (220-550lb x 0.5lb)
	精準度	15-40kg±0.4kg (33-88lb±0.88lb) 40-250kg±1% (88-550lb±1%)
	IP 分類	IP21
產品尺寸	全尺寸	415(W) x 360(D) x 41(H) mm 1 3/5" (H) x 16 1/3" (W) x 14 1/5" (D)
	產品重量	~3.5kg (7.7 lb) 包含電池
按鍵功能		On/Off, Unit
電源		3 號電池 x4
操作溫度 & 濕度		10°C~40°C (+50°F to +104°F) 15% / 85% RH
標準配件		使用說明書 x1, 3 號電池 x4 (選配)

製造商:



啟德電子股份有限公司

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