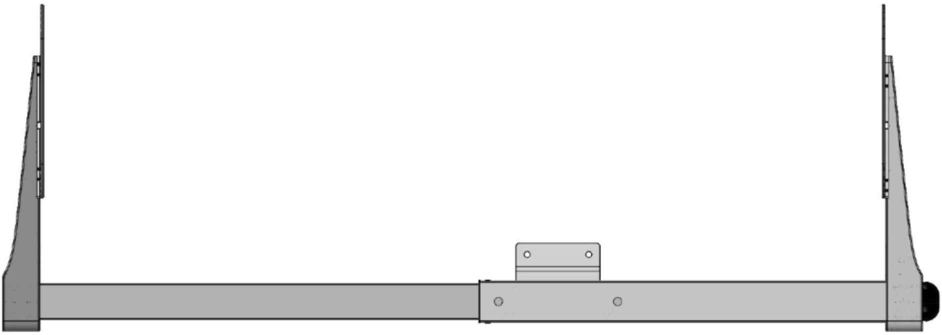
HM100D

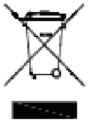
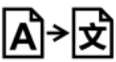
身高尺

使用說明書



請妥善保存此說明書以供未來查閱之用.

標籤圖示說明(請對照產品本身的標籤)

	「注意」使用產品前請仔細閱讀說明書和相關文件		請勿作為一般垃圾丟棄。請依照電器用品回收規範處理
	製造商的名稱地址以及產品生產國家		B 類人體接觸設備
	使用產品前請仔細閱讀說明書，依照內容操作器材	MD	產品類別
REF	產品型錄編號	UDI	醫療器材單一識別碼
LOT	生產批次	SN	產品序號
EC REP		歐盟代表	
℮		(度量衡認證機種限定) 顯示值的差異，用來定義和校驗產品	
CE 2460		設備符合歐盟醫療器材指令 93/42/EEC as amended by 2007/47/EC. 四位數字表示發證單位代號	
III		(度量衡認證機種限定) 產品符合度量衡三級認證	
CE M 20 0122		(度量衡認證機種限定) M: 符合 2014/31/EU 非自動衡器規範 22: 認證確效年份 (例: 22 = 2022) 0122: 度量衡發證單位編號	
		表示進口商與其地址	
		表示協助資訊轉化為當地語言的公司行號與地址	

⚠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

Charder Electronic Co., Ltd.

啟德電子股份有限公司

41262 台中市大里區國中路 103 號

電話：04-2406 3766

傳真：04-2406 5612

官網：www.chardermedical.com

E-mail：info_cec@charder.com.tw

Charder Electronic Co., Ltd.
No. 103, Guozhong Rd., Dali Dist.,
Taichung City, 41262 Taiwan

目錄

⚠I. 安全須知

A.前言

感謝您選購啟德公司產品。如果您在使用產品有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、日常維護方式等重要資訊。

標準用途

此產品的使用目的為量測受測者身高

安全事項

- 預計產品壽命：5 年
- 安裝不當將使保固失效
- 產品應在室內使用
- 請遵照使用溫度，確保量測準確度

產品清潔

- 建議使用酒精布清潔產品表面

產品責任/保固

- 產品保固期間為購買日起 12 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，校正等作業者, 責不在保固範圍內.

報廢回收處理

- 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。

B. 電磁標準與製造商宣告

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 A	The product is suitable for use in all establishments other than domestic and those directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.

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	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%
Power frequency(50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	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**

Radiated RF IEC 61000-4-3	3 V/m 80MHz to 2,7 GHz	3 V/m 80MHz to 2,7 GHz	**Recommended separation distance:** d = 1,2 √*P* d = 1,2 √*P* 80MHz to 800 MHz d = 2,3 √*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 2,7 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.

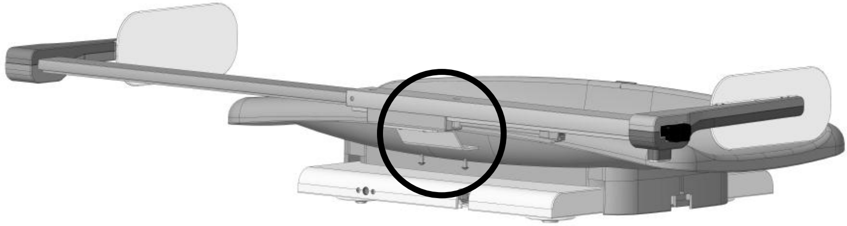
NOTE1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

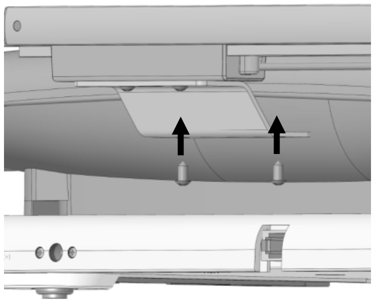
NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

II. 組裝

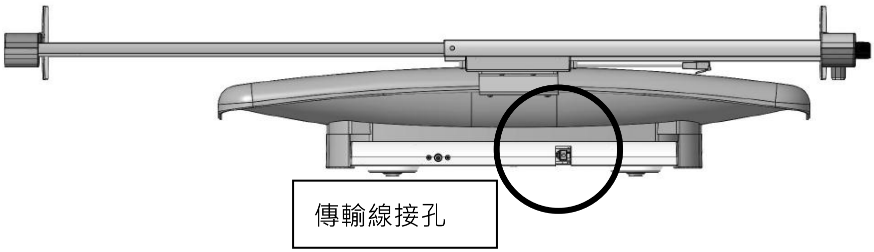
搭配 MS3500 嬰兒秤

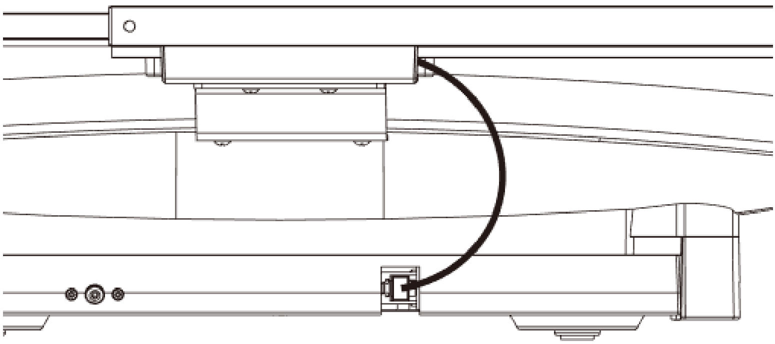
1. 用兩根螺絲，將身高尺的固定座鎖在秤台上





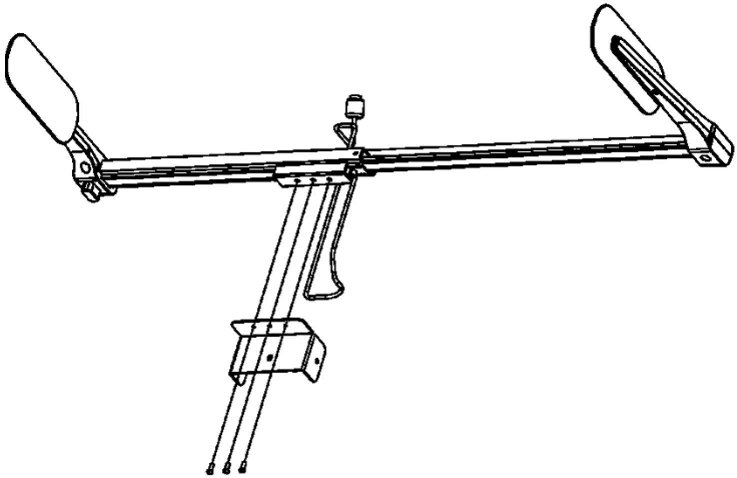
2. 身高尺傳輸線連接至秤子



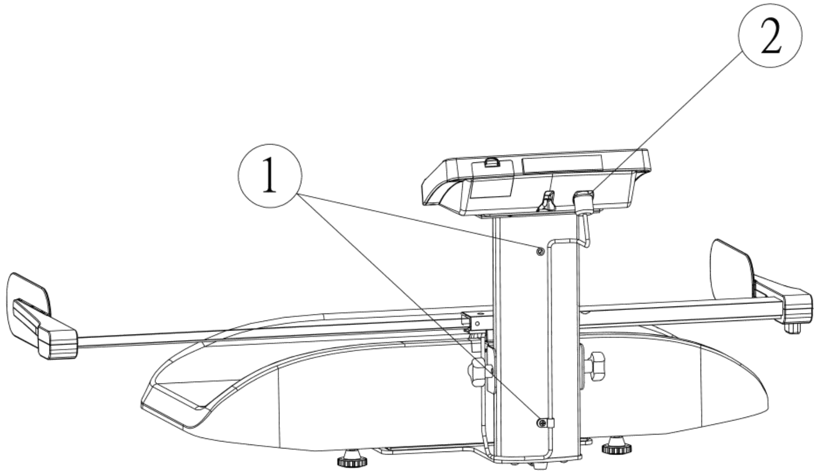


搭配 MS5980 嬰兒秤

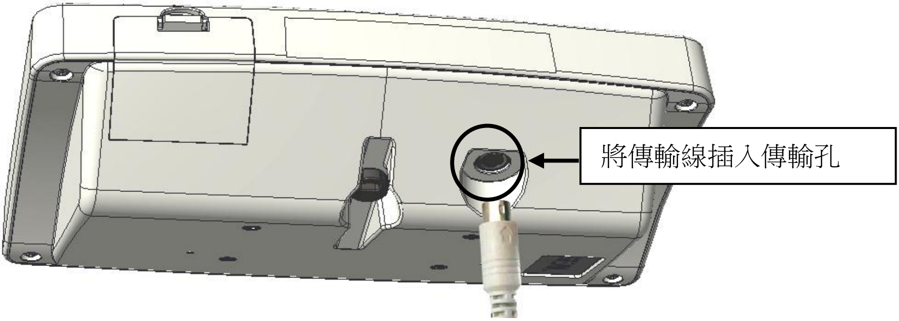
1. 小心地安裝壓頭板至身高尺桿兩端的終端
2. 用十字螺絲將身高尺桿與壓頭板安裝到掛板上。



3. 4. 在嬰兒秤上安裝身高尺桿與壓頭板與掛板 (順時針旋轉鎖住掛板)
5. 6. 使用束線帶固定電線，並將電線插上顯示器上的 6 針插孔裡。



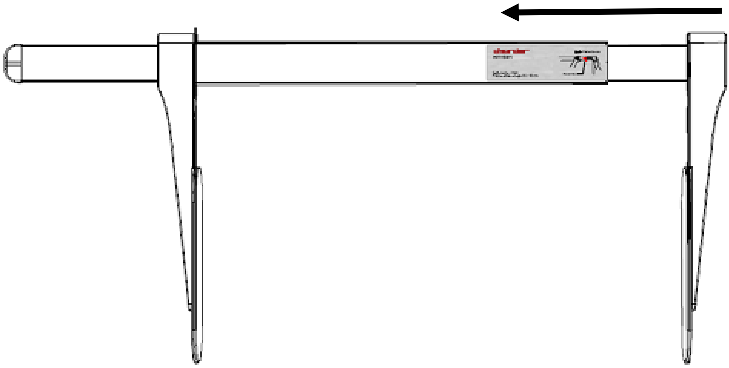
顯示器下方有 9 pin DIN 孔。請插上電子身高尺的傳輸接線



III. 使用產品

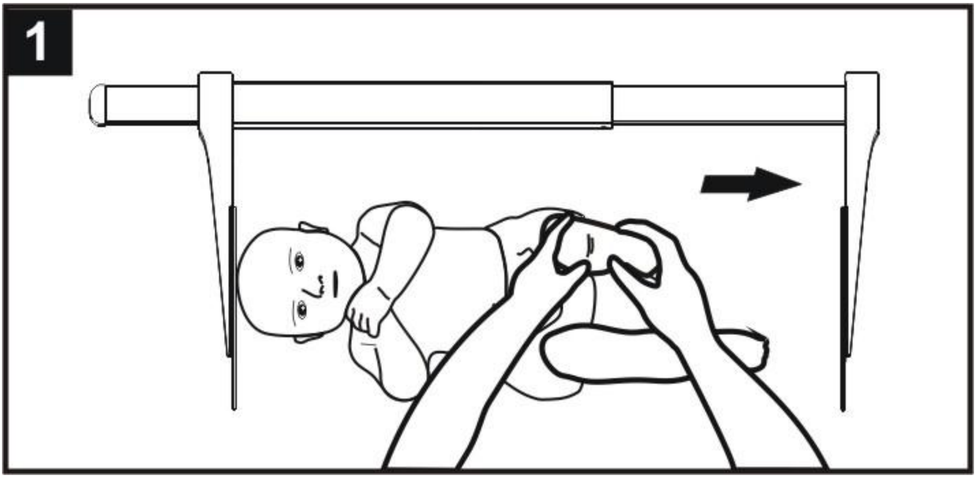
A. 校準身高尺

在使用身高尺之前，將身高尺桿向左滑動到底，將秤台開機並完成校準。

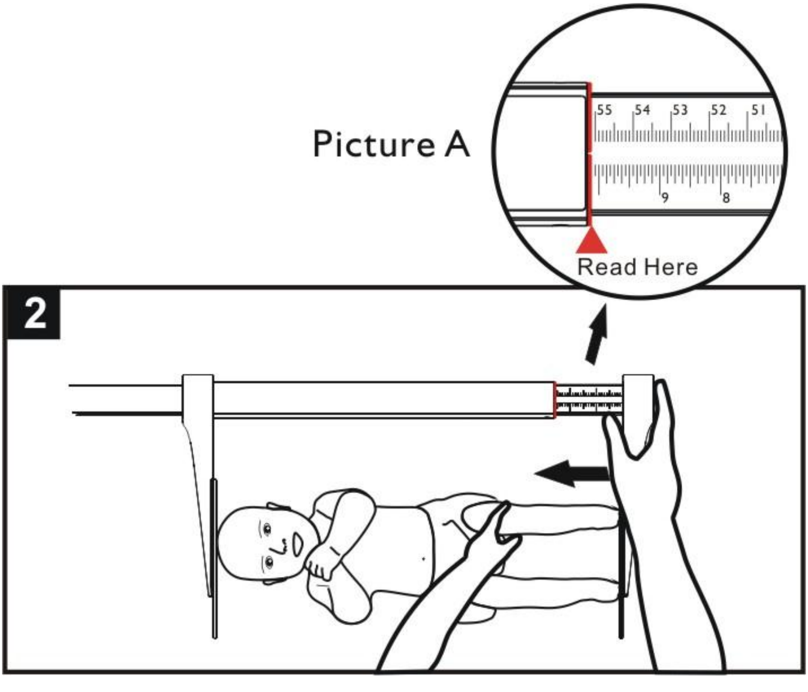


B. 操作流程

1. 請將嬰兒安穩放置，將頭部輕靠頭部壓頭板，並輕輕地將嬰兒雙腳伸直。

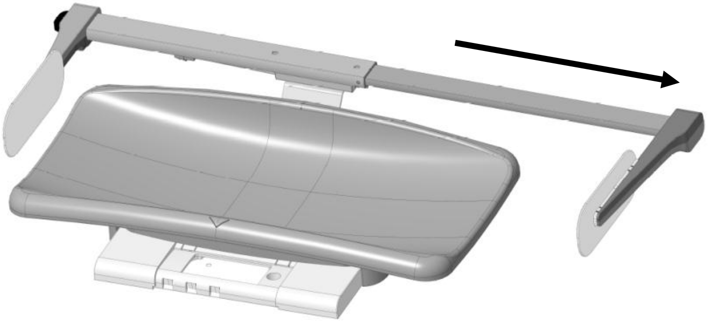


2. 右手將身高尺桿往左推，輕靠到嬰兒雙腳腳底。可以從身高尺的刻度上讀取結果。同時間，測量結果也會自動發送到顯示器上。



1. HM100D 需搭配啟德的嬰兒秤使用，可將量測結果傳輸至顯示器，身高尺本身無顯示器。

2. 使用前，請先將身高尺推到最左邊進行自動校正（設定 35 cm）。完成後，可將身高尺向右伸展，即可進行測量



進行量測

因為操作方式會因為搭配的嬰兒秤而異，詳情請參考嬰兒秤的使用說明書。

IV. 產品規格

型號		HM100D
身高量測	最高量程	35-100 cm
	精度	0.1 cm
尺寸	整體	300 (W) x 822 (D) mm
	產品重量	約 0.8 kg
資料傳輸		傳輸線
電源		顯示器提供
操作溫度 & 濕度		5℃~35℃ 15% / 85% RH

Notes

V. 符合性宣告頁

製造商:

啟德電子股份有限公司

41262 台中市大里區國中路 103 號

CD-IN-00396 REV 002 05/2023