



Much more than weighing  
 **chorder**

User comfort when weighing and its effective data management is the hallmark of the Doctor's Weighing Secret - Charder. Despite a lack of deliberate publicity, Charder crafted 25,000 medical scales last year to support quality-conscious distributors and health enthusiasts in regional Europe and America. At Charder, precision and quality are basics. The satisfaction of patients and users, and the trust of distributors distinguish us.

La facilité d'utilisation pendant la pesée et une gestion efficace des données sont les marques de fabrique de Doctor's Weighing Secret – Charder. Même sans publicité délibérée, Charder a fabriqué en 2009 quelque 25.000 balances médicales pour répondre aux besoins de distributeurs et de professionnels de la santé soucieux de la qualité, tant en Europe qu'en Amérique. Chez Charder, la précision et la qualité sont fondamentales. La satisfaction des patients et utilisateurs, et la confiance de nos distributeurs nous distinguent.

Gebruiksvriendelijkheid tijdens het wegen en efficiënt data management zijn keurmerken van Doctor's Weighing Secret – Charder. Zelfs zonder doelbewuste publiciteit fabriceerde Charder in 2009 rond 25.000 medische weegschalen om aan de behoeften van kwaliteitsbewuste distributeurs en verzorgenden te beantwoorden, in Europa alsook in Amerika. Bij Charder zijn nauwkeurigheid en kwaliteit fundamenteel. De tevredenheid van patiënten en gebruikers, en het vertrouwen van onze distributeurs onderscheiden ons.

Benutzerfreundlichkeit beim Wiegen und eine effiziente Datenverarbeitung sind Markenzeichen der Doctor's Weighing Secret – Charder. Auch ohne gezielte Werbung fertigte Charder 2009 rund 25.000 medizinische Waagen an um den Bedürfnissen qualitätsbewußter Vertriebspartner und Pflegenden gerecht zu werden, sowohl in Europa als auch in Amerika. Bei Charder gehören Präzision und Qualität zur Grundlage unseres Schaffens. Die Zufriedenheit der Patienten und Benutzer und das Vertrauen unserer Vertriebspartner zeichnen uns aus.

EN - Glossary	FR - Lexique	NL - Woordenlijst	DE - Glossar
CAPACITY	CAPACITE	LAADVERMOGEN	TRAGKRAFT
DIVISION	PRECISION	AFLEZING	TEILUNG
FUNCTIONS	FONCTIONS	FUNCTIES	FUNKTIONEN
DIMENSION	DIMENSIONS	AFMETINGEN	MAßE
POWER	ALIMENTATION	VOEDING	STROMVERSORGUNG
WEIGHT	POIDS	GEWICHT	GEWICHT
ACCESSORIES	ACCESSOIRES	TOEBEHOREN	ZUBEHÖR
OPTION	OPTION	OPTIE	OPTION
PLATFORM SIZE	SURFACE DE PESEE	WEEGOPPERVLAK	WIEGEFLÄCHE

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# PRELUDE



More than just precision and quality, Charder's professional care scales are characterized by ample platform space and carefully polished edges to ensure the weighing comfort of patients and health-enthusiasts.

# PROFESSIONAL CARE

Precisely Attend To Your Weighing



## MS 3900

### CAPACITY

300kg

### DIVISION

100g

### POWER

Rechargeable battery / Adaptor

### FUNCTIONS

Hold / BMI / Tare

### OPTIONS

HM200M / HM200D



Anti-slip mat



BMI indication



Sliding wheel

An abbreviation of 'modern convenience' in hospitals for nursing staff.

Strong, durable and wide Die-Casting metal tread platform (including base also) for extreme loads. Convenient mobility, power back up and functions.





## MS 4910

### CAPACITY

300kg

### DIVISION

100g

### POWER

AA battery / Adaptor

### FUNCTIONS

Print / Hold / BMI / Tare

### OPTIONS

HM201M / HM201D / Printer TP2100



## MS 4900

### CAPACITY

150kg

### DIVISION

100g < 100kg > 200g

### POWER

AA battery / Adaptor

### FUNCTIONS

Print / Hold / BMI / Tare

### OPTIONS

HM201M / Printer TP2100



Extra large display



Printing weighing results for record

Simplifies work, adds ease and comfort to weighing.  
All about precision, about weighing the right way.





## MS 4610

### CAPACITY

300kg

### DIVISION

100g

### POWER

AAA battery / Adaptor

### FUNCTIONS

Memory / Hold / BMI / Tare / Print

### OPTIONS

Column SM271 I / Bag AR249 I



Carrying handle



Portable carrying bag AR249 I



Wall mount kit

Easy mobility, with reliable precision as a mirror and rectangular platform for comfortable standing position.







**MS 5710**

**CAPACITY**  
300kg

**DIVISION**  
100g

**POWER**

AAA battery / Adaptor

**FUNCTIONS**

Zero / Hold / BMI / Tare



Portable handle

Perfect combination of mobility, durability and precision.







The gentle curvature of the baby scales is Charder's signature way of honoring parents' love for their new born. Do not just weigh! We help you indulge and weigh the baby with your enduring love!

# NASCENT BABY & TODDLER

Lovingly Weigh Your Baby Smoothly



**MS 4400**  
**CAPACITY**

10kg

**DIVISION**

10g

**POWER**

AAA battery

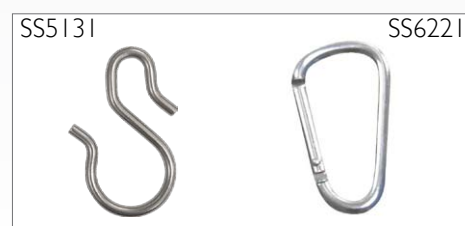
**FUNCTIONS**

Hold / Tare / Zero

**ACCESSORIES (included)**

ST269I (1x) / SS513I (2x)

**OPTIONS**



Ergonomic curve design



Auto hold at Max.



Ideal for visiting nurse

Ergonomically designed for convenience and accuracy, Charde's MS4400 is the perfect choice for visiting/traveling nurses, even can be carried in hand bags. Very light but sturdy, yet stable and reliable enough for busy pediatric or family practices.





## MS 2400

**CAPACITY**  
20kg

**DIVISION**  
20g

**POWER**  
9V battery / Adaptor

**FUNCTIONS**  
Zero / Memory (Hold) / Tare

**OPTIONS**  
HM80M / HM80D / Bag AR248I



Memory function



Height measurement adaptable



Portable carrying bag AR248I

Caring is the essence of nursing.





## MS 2I neo III

### CAPACITY

15kg

### DIVISION

5g

### POWER

AAA battery / Adaptor

### FUNCTIONS

Hold / Tare / Zero

### OPTIONS

HM80M / HM80D / Bag AR249I / Column



Simple Ht. measuring - HM80D



Adjustable angle of indicator



Column (MS2I neoIII C)

"It is the nature of babies to be in bliss." Keep this bliss intact by weighing them on MS2I neo which is specially designed to keep babies bliss intact.





## MS 5900

**CAPACITY**  
20kg

**DIVISION**  
5g < 10kg > 10g

**POWER**  
AAA battery / Adaptor

**FUNCTIONS**  
Zero / Memory / Hold / Tare

**OPTIONS**  
HM80M / HM80D



HM80M baby length



Mechanism design



Clear LCD display

New integrated tray with gentle curvature cuddling your baby as in his/her mother's arms which gives enduring love to your baby.











Marked by the attentive care given to user comfort and to precision, Charder supports seniors and the differently abled people by making weighing an easy routine. The carefully situated hand-railings and large LCD screens empower them to be in control of their weight with ease.

# SENIOR & THE DIFFERENTLY ABLED

Make Weighing An Easy Routine



## MS 2300

### CAPACITY

300kg

### DIVISION

100g

### POWER

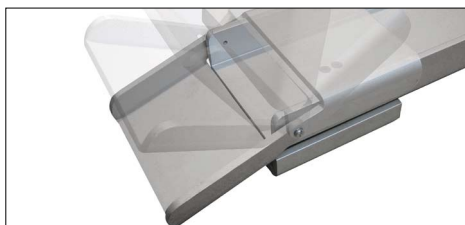
AAA battery / Adaptor

### FUNCTIONS

Memory / BMI / Hold / Tare / Print

### OPTION

Column SM2711



Foldable plate



Compatible with wheelchairs



Portable, light weight

The ultimate easy to carry and portable, heavy-duty MS2300 Scale serves as a wheelchair beam scale. MS2300 highly portable scale is specifically designed for weighing patients confined to wheelchairs. The portable, yet durable unit allows you to bring the scale wherever your elderly or wheelchair-bound patients require. MS2300 is foldable, mobile and space saving. After weighing, it can be folded together in no time at all to save space. To transport, the MS2300 is as easy as holding a suitcase, just fold and carry.





## MS 3800

**CAPACITY**  
300kg

**DIVISION**  
100g

**POWER**  
AAA battery / Adaptor

**FUNCTIONS**  
Memory / Hold / BMI / Tare / Print

**OPTION**  
Column SM271 I



Compatible with wheelchairs



Sliding wheel for mobility



5 sets of memories

MS3800 - Flat scale has a high load capacity and can easily be transported on its high quality rolling castors. With its large, extremely flat and non-slip platform, patients can be weighed sitting in a wheelchair. MS3800 flat scale is designed especially for people needing assistance while being weighed and works in a variety of applications including veterinary scale.





## MS 25 I 4

### CAPACITY

300kg

### DIVISION

100g

### POWER

AAA battery / Adaptor

### FUNCTIONS

Memory / BMI / Hold / Tare / Print

### OPTION

Column SM27 I I



Slim deck design



Large platform



Anti-slip coating



**MS 2504****CAPACITY**

300kg

**DIVISION**

100g

**POWER**

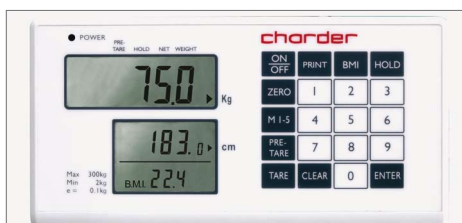
AA battery / Adaptor

**FUNCTIONS**

Memory / Hold / BMI / Tare / Print

**OPTIONS**

Printer TP2100 / HM200M / HM201D



Simultaneous weight, height, BMI display



Sliding wheel for mobility



Patient friendly

CHARDER's MS2504 Medical Handrail Scale's slim, low-level anti-slip platform, stable and easy to grip handrails and high capacity load cells makes it an ideal weighing scale to weigh the patients that are not steady standing on their feet, but are not in need of a wheelchair. MS2504's tread platform is strong and wide enough to place chair, for patients who want to sit while weighing.





**MS 58 I I**  
**CAPACITY**

150kg

**DIVISION**

100g < 100kg > 200g

**POWER**

AA battery / Adaptor

**FUNCTIONS**

BMI / Hold / Tare / Print



Extra large LCD display



Foldable foot rest



Flexible arm rest

Ergonomics is the science of refining the design of products to optimize and shape them for human use.  
Integrated Weighing Seat- Sturdy and comfortable integrated seat to ensure secure sitting.





## MS 5400

**CAPACITY**  
300kg

**DIVISION**  
100g

**POWER**

AAA battery / Adaptor

**FUNCTIONS**

Memory / Hold / BMI / Tare / Print



90° flexible armrest



Weight display indicator



Foldable footrest

Ergonomics is the science of refining the design of products to optimize and shape them for human use. MS5400 is designed according to this definition.







## MS 4800

### CAPACITY

80kg

### DIVISION

100g

### POWER

Lithium battery

### FUNCTIONS

Avg / Max / Count

Specialized for impaired hand



Variable spring capacity



Change capacity under 1 min



Special for rehab exercise

Rehabilitation of people with disabilities is a process aimed at enabling them to reach and maintain their optimal physical functional levels. MG 4800 is a perfect tool they need to attain independence and self-determination.

Specially designed for arm rehabilitation MG4800 was highly acclaimed by the judges of 'iF design Awards 2008'.

Because of its design and qualities it is the very best equipment for developing levels of hand, arm and grip strength.







## MS 2500

**CAPACITY**  
300kg

**DIVISION**  
100g

**POWER**  
AAA battery

**FUNCTIONS**  
Hold / BMI / Tare / Unit



Versatile Joints

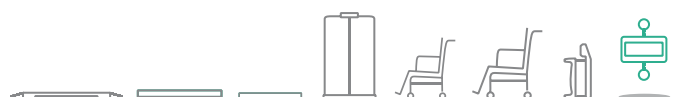


New BMI function available



BMI display

MHS2500 digital patient lift scale is specially designed to be installed between the lift bar and sling of a patient lift.



## HM 200D / HM 201D

**MEASUREMENT RANGE**

120~200cm

**DIVISION**

1mm

**POWER**

AAA battery

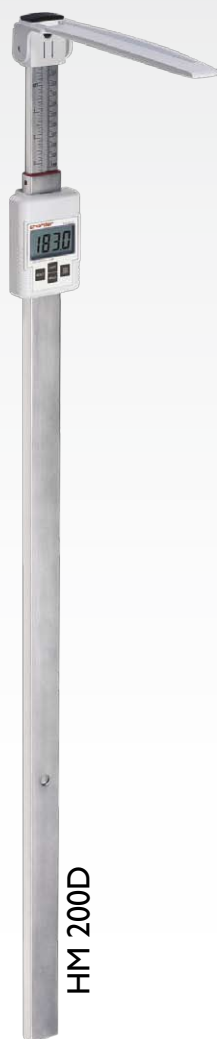
**DIMENSION**

1780x40x30mm

**WEIGHT**

0,85kg

Height rod for column scales



## HM 201M/ HM201D

**MEASUREMENT RANGE**

120~200cm

**DIVISION**

1mm

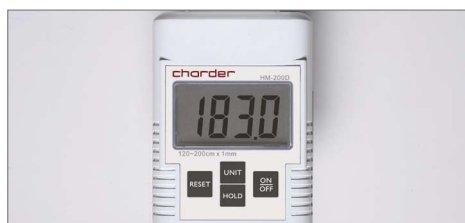
**DIMENSION**

45x38x1625mm

**WEIGHT**

0,65kg

Scales & Wall mounted height Meas.



Height memory



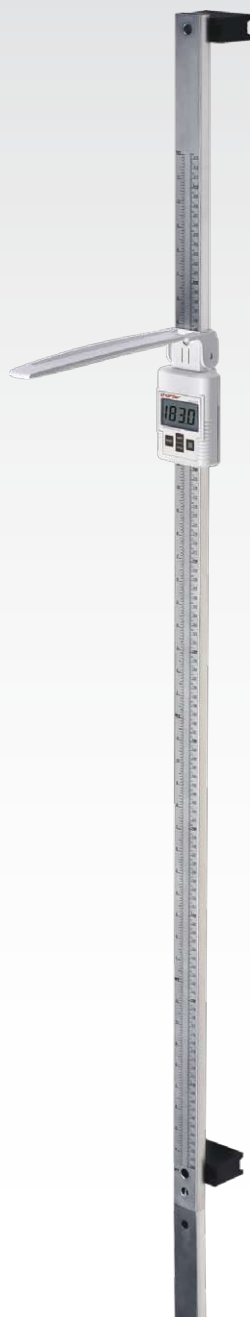
Scale adaptable



HM201D

HM201D & HM200D are an optional digital height measuring rod for column scales with measurement range 120~200cm and division 1mm. They can be directly attached with weighing scales to calculate BMI automatically. They are powered by AAA-size batteries, weigh only 0.85kg and are very easy to assemble.



**HM 210D****MEASUREMENT RANGE**

100~210cm

**DIVISION**

1mm

**POWER**

AAA battery

**DIMENSION**

2100x70x80mm

**WEIGHT**

1,25kg

Height rod for wall mounting

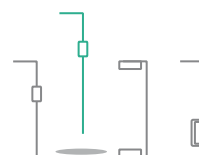


Heel plate



Foldable head stop

HM210D is an optional digital height measuring rod for mounting on the wall with measurement range 100~200cm and division 1mm. It is powered by AAA-size batteries, weighs only 1.25kg and is very easy to assemble.





## HM 80M

### MEASUREMENT RANGE

35~80cm

### DIVISION

1mm

### DIMENSION

290x870x70mm

### WEIGHT

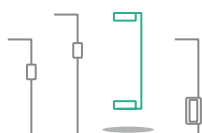
0,5kg

Height rod for baby scales



Baby scale compatible

As babies are unable to stand up on their own, the height measurements need to perform with baby lying down on his or her back. Track your child's growth at home with easy to assemble and simple to use HM80M. HM80M is easy to carry because of its light weight and detachable parts.





## HM 80D

### MEASUREMENT RANGE

35~80cm

### DIVISION

1mm

### POWER

AAA battery

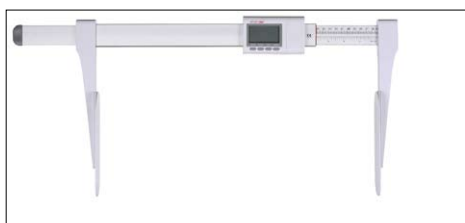
### DIMENSION

330x890x100mm

### WEIGHT

0,6g

Height rod for baby scales



Max. 80cm



Accurate reading





Sliding foot stop

Designed to measure even a tiny change in the height of neo-natal babies, HM 80D is a digital height meter with accuracy as sharp as the tip of a pin. Features like HOLD and UNIT makes the height measuring job easier and quicker.





## 27 PRODUCT SPECIFICATION CHART





<b>MS3900</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Hold / Tare / Zero / BMI
PLATFORM SIZE	340x450 mm
DIMENSION	340x550x970 mm
POWER	Rechargeable battery / Adaptor
WEIGHT	8,9kg
ACCESSORY	Adaptor
OPTIONS	HM200M / HM200D / RS232 Cable





<b>MS4910</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Hold / Tare / Print / BMI
PLATFORM SIZE	360x310 mm
DIMENSION	360x520x1020 mm
POWER	AA battery / Adaptor
WEIGHT	10,4kg
ACCESSORY	Adaptor
OPTIONS	HM201M / HM201D / TP2100 / RS232 Cable





<b>MS5710</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Hold / Tare / Zero / BMI
PLATFORM SIZE	360x310 mm
DIMENSION	360x410x120 mm
POWER	AAA battery / Adaptor
WEIGHT	5,7kg
ACCESSORIES	Adaptor
OPTIONS	Wall mount kit / RS232 Cable





<b>MS4610</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Memory / Hold / Tare / Print / BMI
PLATFORM SIZE	340x450 mm
DIMENSION	340x450x150 mm
POWER	AAA battery / Adaptor
WEIGHT	8,4kg
ACCESSORY	Wall mount kit / Adaptor
OPTIONS	SM2711 / AR2491 carry bag / RS232 Cable





<b>MS2504</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Memory / Hold / Tare / Print / BMI
PLATFORM SIZE	550x550 mm
DIMENSION	550x550x1160 mm
POWER	AA battery / Adaptor
WEIGHT	17kg
ACCESSORIES	Hand rail / Adaptor
OPTIONS	TP2100 / HM200M / HM201D / RS232 Cable





<b>MS2514</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Memory / Hold / Tare / Print / BMI
PLATFORM SIZE	550x550 mm
DIMENSION	550x550x70 mm
POWER	AAA battery / Adaptor
WEIGHT	15kg
ACCESSORIES	Wall mount kit / Adaptor
OPTIONS	SM2711 / RS232 Cable





<b>MS3800</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Memory / Hold / Tare / Print / BMI
PLATFORM SIZE	900x800 mm
DIMENSION	1060x840x40 mm
POWER	AAA battery / Adaptor
WEIGHT	34,5kg
ACCESSORIES	Wall mount kit / Adaptor
OPTIONS	SM2711 / RS232 Cable





<b>MS4900</b>  	
CAPACITY	150kg
DIVISION	100g<100kg>200g
FUNCTIONS	Hold / Tare / Print / BMI
PLATFORM SIZE	360x310 mm
DIMENSION	360x520x1020 mm
POWER	AA battery / Adaptor
WEIGHT	10,4kg
ACCESSORY	Adaptor
OPTIONS	HM201M / TP2100 / RS232 Cable



<b>MS5400</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Memory / Hold / Tare / Print / BMI
HEIGHT OF SEAT	490 mm
HEIGHT OF ARMREST	695 mm
DIMENSION	1100x800x600 mm
POWER	AAA battery / Adaptor
WEIGHT	19,2kg
ACCESSORY	Adaptor
OPTION	RS232 Cable





<b>MS5811</b>  	
CAPACITY	150kg
DIVISION	100g<100kg>200g
FUNCTIONS	Hold / Tare / Print / BMI
HEIGHT OF SEAT	490 mm
HEIGHT OF ARMREST	695 mm
DIMENSION	1000x920x600 mm
POWER	AA battery / Adaptor
WEIGHT	17kg
ACCESSORY	Adaptor





<b>MG4800</b>	
CAPACITY	80kg
DIVISION	100g
FUNCTIONS	Max / Avg / Count
GRIP SPAN	80mm
DIMENSION	110x55x212mm
POWER	Lithium battery CR2450
WEIGHT	0,4kg
ACCESSORIES	20kg / 40kg / 80kg capacity springs





<b>MHS2500</b>  	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Unit / Hold / Tare / BMI
DIMENSION	52x122x155 mm
POWER	AAA battery
WEIGHT	0,65kg



<b>MS2400</b>  	
CAPACITY	20kg
DIVISION	20g
FUNCTIONS	Memory (Hold) / Tare / Zero
PLATFORM SIZE	560x280 mm
DIMENSION	650x360x65 mm
POWER	9V battery / Adaptor
WEIGHT	3kg
ACCESSORY	Adaptor
OPTIONS	HM80M / HM80D / AR2481 carry bag



<b>MS21NEOIII</b>  	
CAPACITY	15kg
DIVISION	5g
FUNCTIONS	Hold / Tare / Zero
PLATFORM SIZE	560x240 mm
DIMENSION	570x270x140 mm
POWER	AAA battery / Adaptor
WEIGHT	3,4kg
ACCESSORIES	Wall mount kit / Adaptor
OPTIONS	HM80M / HM80D / AR2491 carry bag / Column (MS21NEOIIIC)



<b>MS4400 M</b>	
CAPACITY	10kg
DIVISION	10g
FUNCTIONS	Hold / Tare / Zero
DIMENSION	79x150x193 mm
POWER	AAA battery
WEIGHT	0.23kg
ACCESSORIES	ST2691 baby sling / SS5131 S type hook
OPTIONS	Carabiner / carry bag



<b>HM80M</b>	
CAPACITY	35–80cm
DIVISION	1mm
DIMENSION	870x290x70 mm
WEIGHT	0.5kg
ACCESSORY	Scale mount kit
TYPE	Mechanical Baby Scale Mounted Height Meas.



<b>MS5900 M</b>	
CAPACITY	20kg
DIVISION	5g<10kg>10g
FUNCTIONS	Memory / Hold / Tare / Zero
PLATFORM SIZE	660x300 mm
DIMENSION	660x334x125 mm
POWER	AAA battery / Adaptor
WEIGHT	4.9kg
ACCESSORY	Adaptor
OPTIONS	HM80M / HM80D



<b>HM80D</b>	
CAPACITY	35–80cm
DIVISION	1mm
FUNCTIONS	Hold / Reset / Unit
DIMENSION	870x355x105 mm
POWER	AAA battery
WEIGHT	0.6kg
ACCESSORY	Scale mount kit
TYPE	Digital Baby Scale Mounted Height Meas.



<b>HM201M</b>	
CAPACITY	60–200cm
DIVISION	1mm
DIMENSION	45x38x1625 mm
WEIGHT	0.65kg
ACCESSORY	Scale mount kit
TYPE	Scale & Wall Mounted Height Meas.



<b>TP2100</b>	
PRINTING METHOD	Thermal dot line printing
NUMBER OF DOTS	384 dot/line
RESOLUTION	8 dot/mm
PRINTING WIDTH	48 mm
PAPER WIDTH	58 mm
DIMENSION	120x80x50 mm
WEIGHT	0.22kg
INTERFACE	RS232
ACCESSORY	12V 2A Adaptor



<b>HM200D</b>	
CAPACITY	120–200cm
DIVISION	1mm
FUNCTIONS	Hold / Reset / Unit / USB transfer
DIMENSION	40x30x1780 mm
POWER	AAA battery
WEIGHT	0.85kg
ACCESSORY	Scale mount kit
OPTION	RS232 cable
TYPE	Digital Scale Mounted Height Meas.



<b>SM271 I</b>	
COMPATIBLE WITH SCALES	MS2300 / MS2514 / MS3800 / MS4610
DIMENSION	340x1100 mm
WEIGHT	2.5kg



<b>HM201D</b>	
CAPACITY	120–200cm
DIVISION	1mm
FUNCTIONS	Hold / Reset / Unit / USB transfer
DIMENSION	40x30x1780 mm
POWER	AAA battery
WEIGHT	0.85kg
ACCESSORY	Scale mount kit
OPTION	RS232 cable
TYPE	Digital Scale Mounted Height Meas.



<b>MS2300 M</b>	
CAPACITY	300kg
DIVISION	100g
FUNCTIONS	Memory / Hold / Tare / Print / BMI
SINGLE BEAM SIZE	960x135x45 mm
DIMENSION	1230x400x90 mm
POWER	AAA battery / Adaptor
WEIGHT	18kg
ACCESSORIES	Wall mount kit / Adaptor
OPTIONS	SM271 I / RS232 Cable



<b>HM210D</b>	
CAPACITY	120–210cm
DIVISION	1mm
FUNCTIONS	Hold / Reset / Unit / USB transfer
DIMENSION	70x80x2100 mm
POWER	AAA battery
WEIGHT	1.25kg
ACCESSORY	Wall mount kit
TYPE	Digital Wall Mounted Height Meas.



<b>HM200PW</b>	
CAPACITY	14–205cm
DIVISION	1mm
DIMENSION	405x350x2120 mm
WEIGHT	3kg
ACCESSORY	Wall mount kit
TYPE	Plastic Wall Mounted Height Meas.

Charder is an ISO 9001 : 2000, ISO13485 and CE-NAWI certified company, conforming to the European Union Council Directive 2009/23/EEC and 2007/47/EEC to manufacture and verify non-automatic weighing instruments, and medical weighing devices with CE marking and M.



The Green metrology marking under European Directive 2009/23/EEC.



The (III) marking is based on International Organization of Legal Metrology (OIML) & is identified as Class 3 accuracy.



The (IIII) marking is based on International Organization of Legal Metrology (OIML) & is identified as Class 4 accuracy.

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