



# MARSDEN

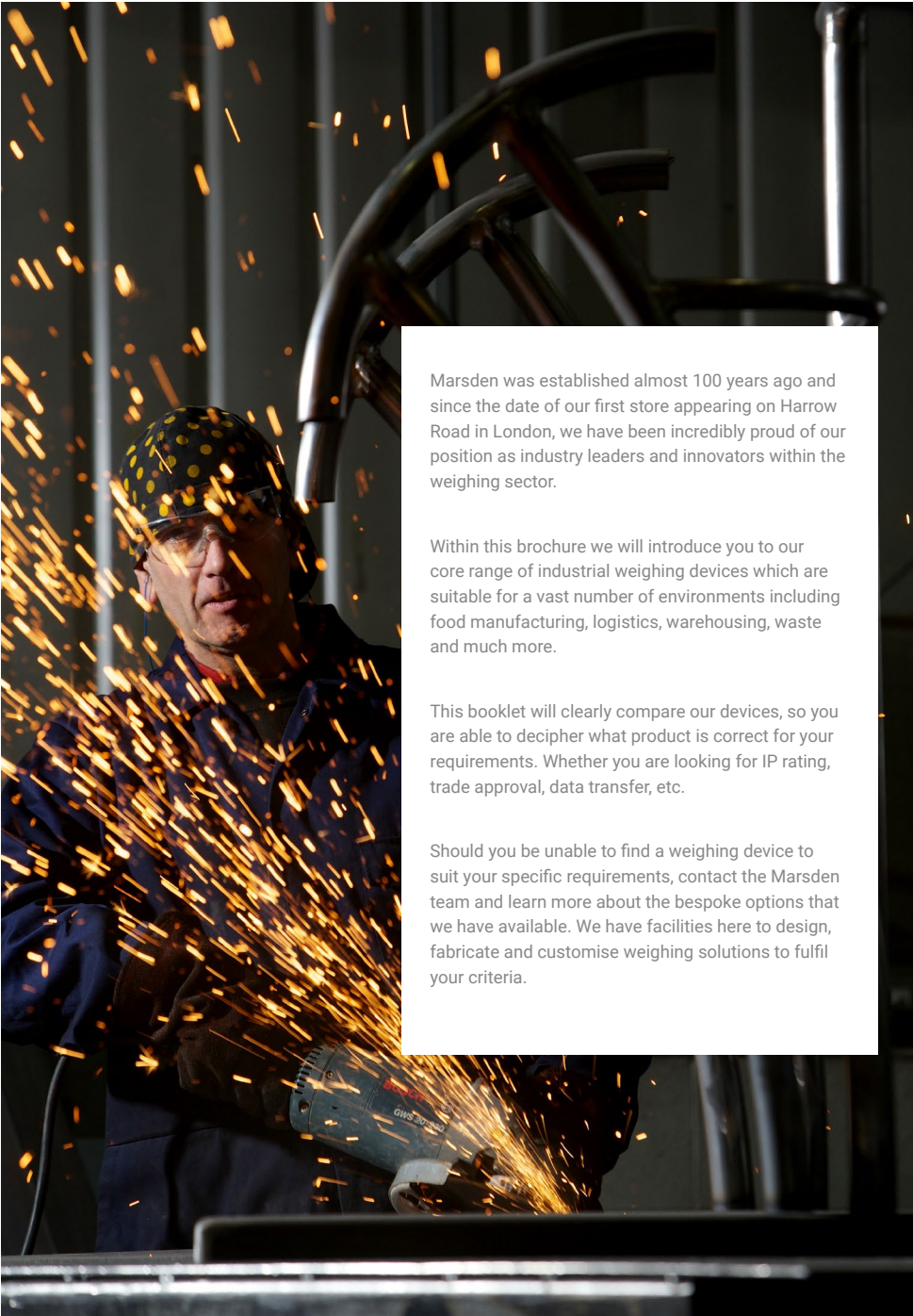
PRECISION INDUSTRIAL SCALES



## SERVICE AND MAINTENANCE CONTRACTS

Marsden is able to provide service contracts to anywhere in Great Britain: Our team of engineers can repair, maintain and calibrate your scales.

Rather than outsourcing to contractors, all Marsden service technicians are hired by and trained by Marsden. We pride ourselves on our ability to provide a high-quality, reliable one-stop solution for you and your facility.



Marsden was established almost 100 years ago and since the date of our first store appearing on Harrow Road in London, we have been incredibly proud of our position as industry leaders and innovators within the weighing sector.

Within this brochure we will introduce you to our core range of industrial weighing devices which are suitable for a vast number of environments including food manufacturing, logistics, warehousing, waste and much more.

This booklet will clearly compare our devices, so you are able to decipher what product is correct for your requirements. Whether you are looking for IP rating, trade approval, data transfer, etc.

Should you be unable to find a weighing device to suit your specific requirements, contact the Marsden team and learn more about the bespoke options that we have available. We have facilities here to design, fabricate and customise weighing solutions to fulfil your criteria.



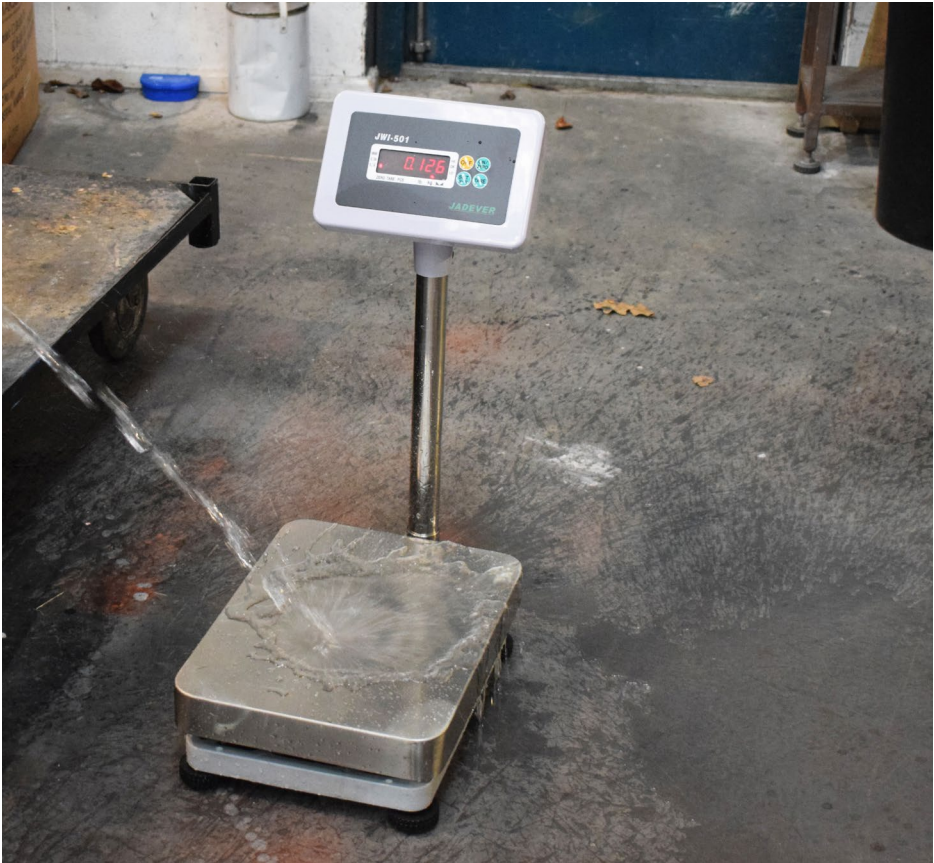


## BENCH WEIGHING SCALES

A bench scale is a robust but often portable weighing scale used in a variety of applications. Bench scales are typically used for weighing smaller items and are designed to be used on a worktop or bench - hence the name bench scales.

Compact bench scales can be used where space is limited, whilst providing highly accurate readings in rugged industrial environments.





## FLOOR SCALES

Our range of Marsden Floor Scales are similar to the previously listed bench scales, however these devices are often larger, most robust and have a higher capacity.

The Marsden range of Floor Scales include customisable bases which can be paired with a selection of indicators, waterproof devices which are ideal for food manufacturing environments or standard platforms ideal for post rooms, warehouse and general purpose weighing actions.

# FLOOR COMPARISON TABLE

	MSS	HSS	MS-150	AGT-C	V-150	V-250
PRODUCT IMAGE						
PRODUCT DESCRIPTION	MILD STEEL WEIGHING SCALE BASE	STAINLESS STEEL WEIGHING SCALE BASE	CHECK WEIGHING FLOOR SCALE	WATERPROOF FLOOR SCALE	LARGE CHECK WEIGHING SCALE	PLATFORM CHECK WEIGHING FLOOR SCALE
CAPACITY AND GRADUATIONS	3KG TO 150KG ACCURACY IS DEPENDANT ON APPROVAL	3KG TO 150KG ACCURACY IS DEPENDANT ON APPROVAL	150kg x 50g 300kg x 100g	15KG X 1G 30KG X 2G 60KG X 5G 150KG X 10G	150KG X 50G	250KG X 100G
APPROVALS	N/A OR CLASS III	N/A OR CLASS III	N/A	N/A	N/A	N/A
WARRANTY PERIOD	1 YEAR	1 YEAR	1 YEAR	1 YEAR	1 YEAR	1 YEAR
DIMENSIONS	300 X 300MM 400 X 400MM 400 X 500MM 600 X 600MM	300 X 300MM 400 X 400MM 400 X 500MM 500 X 600MM 600 X 600MM	550 x 550 x 80MM	400 X 300MM 500 X 400MM	900 X 550 X 50MM	1090 X 505 X 70MM
WEIGHING UNITS	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	KG/G	KG/G	KG/LB	KG/LB
IP RATING	N/A	67	N/A	68	N/A	N/A
POWER SUPPLY	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY	MAINS OR 6 X AA BATTERIES
BATTERY LIFE	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	40+ HOURS	40+ HOURS	40+ HOURS	40+ HOURS
DATA TRANSFER CAPABILITY?	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



## COUNTING SCALES

A counting scale is a device used to count multiple items, using their individual weights to determine the quantity that has been placed on the scale. Counting scales are most commonly used for stock control and shipment tasks, as they cut the time taken to count multiple identical items.

Counting scales remove the need for manual counting, and streamline the stocktaking process, saving you time and money.



# COUNTING SCALES COMPARISON TABLE

	JCE	DC-400	DC-788	MSS-JWI
PRODUCT IMAGE				
PRODUCT DESCRIPTION	HIGH PRECISION LOW COST PARTS COUNTING SCALE	HIGH ACCURACY PARTS COUNTING SCALE	SOPHISTICATED DIGITAL PARTS COUNTING SCALE	ADVANCED COUNTING WEIGHING INDICATOR
CAPACITY AND GRADUATION	3KG X 0.1G 6KG X 0.2G 15KG X 0.5G 30KG X 1G	25KG X 0.1G 25KG X 1G	500G X 0.02G 1KG X 0.05G 2.5KG X 0.1G 5KG X 0.2G 10KG X 0.5G 25KG X 1G 50KG X 2G	3KG X 0.5G 6KG X 1G 15KG X 2G 30KG X 5G 10KG X 10G 150KG X 20G
APPROVALS	N/A	N/A	N/A	N/A
WARRANTY PERIOD	1 YEAR	1 YEAR	1 YEAR	1 YEAR
DIMENSIONS	400 X 335 X 120MM	290 X 215MM	250 X 182MM 340 X 243MM	300 X 300MM 400 X 400MM 600 X 600MM
WEIGHING UNITS	KG/G	KG/G	KG/G	KG
PLUs	99	13,000	100	99
POWER SUPPLY	RECHARGEABLE BATTERY	MAINS	MAINS	MAINS/RECHARGEABLE
BATTERY LIFE	60+ HOURS	40+ HOURS	40+ HOURS	40+ HOURS
DATA TRANSFER CAPABILITY?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



## CRANE SCALES

A crane scale, otherwise known as a hanging scale, is a heavy duty scale used for suspension weighing of large, heavy items in industrial environments. Using a crane scale, allows you to save floor space and easily weigh awkwardly shaped items.

Crane scales are often used to weigh items to ensure they do not overload a crane or other lifting device as well as to provide an item's weight to the user. Our crane scales come in a range of capacities, including up to 20,000kg.

# CRANE SCALES COMPARISON TABLE

	OCS-L	OCS-S1	OCS-X	OCS-Z
PRODUCT IMAGE				
PRODUCT DESCRIPTION	LIGHTWEIGHT HANGING BALANCE CRANE SCALE	LIGHTWEIGHT DIGITAL CRANE SCALE	ELECTRONIC SUSPENSION CRANE SCALE	LARGE, HIGH CAPACITY CRANE SCALE
CAPACITY AND GRADUATIONS	30KG X 0.01G 50KG X 0.02KG 150KG X 0.05KG 300KG X 0.1KG	100KG X 0.05KG 300KG X 0.1KG 500KG X 0.2KG 1000KG X 0.5KG	1000KG X 0.5KG 3000KG X 1KG 5000KG X 2KG	10,000KG X 5KG 20,000KG X 10KG
APPROVALS	N/A	N/A	N/A	N/A
WARRANTY PERIOD	1 YEAR	1 YEAR	1 YEAR	1 YEAR
DIMENSIONS	55 X 80 X 290MM	60 X 145 X 275MM	215MM X 190MM X 580MM	10T - 850MM (L) 20T - 950MM (L)
WEIGHING UNITS	KG/G	KG/G	KG/G	KG/G
IP RATING	N/A	N/A	N/A	N/A
POWER SUPPLY	3 X AA BATTERIES	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY
BATTERY LIFE	120+ HOURS	120+ HOURS	120+ HOURS	120+ HOURS
DATA TRANSFER CAPABILITY?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



## WEIGHING INDICATORS

An indicator is a term for the digital display that indicates an item's weight, that is attached to a base or platform. Here at Marsden, we offer a wide range of indicators that are fast, reliable and accurate, to ensure that we can suit your requirements.

All of the indicators shown are compatible with our range of bench scales and heavy duty platforms. With vastly varying functionality, our vast selection ensures that our customers can create a customised weighing solution for their requirements.



# INDICATOR COMPARISON TABLE

	DI-166SS	DI-620	I-100SS	I-200	I-400	I-400SS	JIK	JWI
PRODUCT IMAGE								
PRODUCT DESCRIPTION	IP67 CLASS III INDICATOR	TRADE APPROVED PROGRAMMABLE INDICATOR	LOW COST STAINLESS STEEL INDICATOR	STAINLESS STEEL INDICATOR FOR HARSH ENVIRONMENTS	EASY TO USE WEIGHING INDICATOR	STAINLESS STEEL INDICATOR FOR HARSH ENVIRONMENTS	VERSATILE WEIGHING INDICATOR	LOW COST COUNTING INDICATOR
APPROVALS	CLASS III	CLASS III	N/A OR CLASS III	N/A	N/A OR CLASS III	N/A	N/A OR CLASS III	N/A
DISPLAY RESOLUTION	1/10,000	1/15,000	1/30,000 NON-APPROVED. 1/3,000 APPROVED	1/30,000	1/30,000 NON-APPROVED. 1/3,000 APPROVED	1/30,000	1/60,000 NON-APPROVED. 1/6,000 APPROVED	1/30,000
WARRANTY PERIOD	1 YEAR	1 YEAR	1 YEAR	1 YEAR	1 YEAR	1 YEAR	1 YEAR	1 YEAR
DIMENSIONS	230 X 110 X 190MM	280 X 200 X 118MM	255 X 100 X 140MM	205 X 90 X 150MM	250 X 160 X 155MM	225 X 110 X 205MM	290 X 100 X 190MM	270 X 105 X 165MM
WEIGHING UNITS	KG/G	KG/G	KG/G	KG/G	KG/G	KG/G	KG/G	KG/G
IP RATING	67	N/A	65	67	N/A	68	67	N/A
POWER SUPPLY	RECHARGEABLE BATTERY	MAINS	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY	RECHARGEABLE BATTERY
BATTERY LIFE	40+ HOURS	N/A	40+ HOURS	40+ HOURS	40+ HOURS	50+ HOURS	40+ HOURS	40+ HOURS
PLUS	N/A	200	N/A	N/A	N/A	N/A	N/A	99
DATA TRANSFER?	✓	✗	✗	✗	✗	✗	✓	✓
PRINTER AVAILABLE?	✗	✓	✗	✗	✗	✗	✓	✓
HI/LO ALARM?	✗	✓	✗	✗	✗	✗	✓	✓
RELAY BOARD?	✗	✗	✗	✗	✗	✗	✓	✗
LIQUID FILLING	✗	✓	✗	✗	✗	✓	✓	✗
COUNT	✗	✓	✓	✗	✓	✗	✓	✓



## BAYKON INDICATORS

Baykon is an industry leader with a wide range of products from basic weighing to advanced weighing indicators. With a number of features as standard and a wide range of optional extras available, the Baykon Indicators are a truly bespoke weighing solution.

The possibilities are endless with a Baykon indicator and some of the standard features are listed on the following page. However, if you have bespoke criteria, please contact the Marsden team today.

# BAYKON INDICATOR COMPARISON TABLE

**BX22S**



**BX23S**



**BX25S**



PRODUCT IMAGE	ADVANCED INDUSTRIAL WEIGHING INDICATOR WITH LIGHTENING PROTECTION	PROGRAMMABLE INDUSTRIAL WEIGHING INDICATOR	ADVANCED PROGRAMMABLE WEIGHING INDUSTRIAL INDICATOR
INTERNAL RESOLUTION	1/16,000,000	1/16,000,000	1/16,000,000
DISPLAY RESOLUTION	1/30,000	1/99,999	1/99,999
APPROVALS	N/A	N/A	CLASS III
WARRANTY PERIOD	1 YEAR	1 YEAR	1 YEAR
DIMENSIONS	112 X 40MM	250 X 95.8MM	250 X 99MM
WEIGHING UNITS	G, KG, OZ, LB	G, KG, OZ, LB	G, KG, OZ, LB
IP RATING	67	67	67
POWER SUPPLY	RECHARGEABLE LI-ION BATTERY	EXTERNAL BATTERY PACK	RECHARGEABLE LI-ION BATTERY
PRODUCT MEMORY SIZE	100	500	500
ALIBI MEMORY (IF APPLICABLE)	65,000	1,000,000	1,000,000
PRINTING CAPABILITY?	✓	✓	✓
ALIBI MEMORY AVAILABLE?	✓	✓	✓
LIGHTNING PROTECTION	✓	✗	✗
NEGATIVE WEIGHING	✓	✗	✗
COUNT	✗	✓	✓
SECOND SCALE INPUT	✗	✓	✓
DATA TRANSFER CAPABILITY	✓	✓	✓
ADDITIONAL FEATURES	LCD WITH MULTI-COLOUR BACKLIGHT	ETHERNET AND MODBUS EVAL FOR CALIBRATION	LABELLING AND DATA COLLECTING WIDE RANGE OF OPTIONAL EXTRAS



## PALLET TRUCK SCALES

A pallet truck scale is a pump truck with an integrated high capacity weighing scale. A pallet truck scale allows you to lift and move a pallet and weigh it in one process.

Pallet truck scales are a popular choice for factories and warehouses because they allow palletised goods to be weighed quickly and easily. They are also a portable weighing scale, meaning the scale can be taken to the load rather than the other way around, as in the case of the Marsden platform scales.



# PALLET TRUCK SCALES COMPARISON TABLE

	PT-400	PT-450	PT-500	PT-600
PRODUCT IMAGE				
PRODUCT DESCRIPTION	HIGH CAPACITY STAINLESS STEEL PALLET TRUCK SCALE	IP68 STAINLESS STEEL PALLET TRUCK SCALE	HEAVY DUTY PUMP TRUCK SCALE	HEAVY DUTY PUMP TRUCK SCALE WITH BUILT-IN PRINTER
CAPACITY	2000KG	2000KG	2000KG	2000KG
GRADUATIONS	0.5KG	0.5KG	0.5KG	0.5KG
APPROVALS	N/A	N/A	N/A	N/A
WARRANTY PERIOD	1 YEAR	1 YEAR	1 YEAR	1 YEAR
DIMENSIONS	1570 X 545 X 730MM	1570 X 545 X 800MM	1570 X 545 X 730MM	1570 X 545 X 730MM
WEIGHING UNITS	KG	KG	KG	KG
IP RATING	67	68	N/A	N/A
POWER SUPPLY	RECHARGEABLE BATTERY PACK	RECHARGEABLE BATTERY PACK	RECHARGEABLE BATTERY PACK	RECHARGEABLE BATTERY PACK
BATTERY LIFE	40+ HOURS	40+ HOURS	40+ HOURS	40+ HOURS
DATA TRANSFER CAPABILITY?	N/A	N/A	N/A	N/A
PRINTER?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



## PLATFORM SCALES

Industrial platform scales consist of a large steel platform, fitted with high capacity loadcells, for weighing large or heavy goods, particularly palletised goods. The platform is connected to an indicator which displays the weight reading.

Marsden's diverse range of durable, easy to use digital platform scales come in a choice of sizes, graduations and capacities up to 5 tonnes. They are commonly used in factories, warehouses and distribution centres and goods are loaded onto the platform with a forklift.





## BEAMS AND U-FRAMES

Weigh beams are long steel beams, which are used to weigh large or abnormally shaped items. The beams are first placed at the desired distance apart, the item to be weighed is placed on the beams, and the indicator connected to the beams displays the weight.

U frames are designed specifically for weighing pallets. A U frame scale consists of two beams that are connected by a cross-member, fitted with a handle for portability.



# BEAMS AND U-FRAMES SCALES COMPARISON TABLE

	MILD STEEL WEIGH BEAMS	STAINLESS STEEL WEIGH BEAMS	MILD STEEL U-FRAME SCALE	STAINLESS STEEL U-FRAME SCALE
PRODUCT IMAGE				
PRODUCT DESCRIPTION	MILD STEEL PORTABLE WEIGH BEAMS	STAINLESS STEEL PORTABLE WEIGH BEAMS	MILD STEEL U-FRAME WEIGHING SCALE	STAINLESS STEEL U-FRAME WEIGHING SCALE
CAPACITY AND GRADUATIONS	600KG TO 2000KG ACCURACY IS DEPENDANT ON APPROVAL	600KG TO 2000KG ACCURACY IS DEPENDANT ON APPROVAL	600KG TO 2000KG ACCURACY IS DEPENDANT ON APPROVAL	600KG TO 2000KG ACCURACY IS DEPENDANT ON APPROVAL
APPROVALS	N/A OR CLASS III	N/A OR CLASS III	N/A OR CLASS III	N/A OR CLASS III
WARRANTY PERIOD	1 YEAR	1 YEAR	1 YEAR	1 YEAR
DIMENSIONS	1250 X 120 X 88MM	1250 X 120 X 88MM	1250 X 840 X 90MM	1250 X 840 X 90MM
WEIGHING UNITS	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR
IP RATING	N/A	68	N/A	68
POWER SUPPLY	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR
BATTERY LIFE	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR
DATA TRANSFER CAPABILITY?	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR	DEPENDANT ON INDICATOR
PORTABLE?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



## RETAIL SCALES

Retail weighing scales are specialist industrial scales that are used to calculate an item's price based on its weight.

Also referred to as price computing scales, shop scales or commercial scales. Retail scales will typically have a digital display on the front and rear to make it easy for the user and the customer to see the reading, as well as internal memory for PLUs (price look-ups). Our range of scales are battery-powered, making them quick and convenient to use.

# RETAIL SCALES COMPARISON TABLE

DS-781



DS-781SS



PRODUCT IMAGE		
PRODUCT DESCRIPTION	TRADE APPROVED RETAIL SCALE WITH WATERPROOF KEYBOARD	WATERPROOF RETAIL SCALE WITH IP68 RATING
CAPACITY AND GRADUATION	6KG X 2G 15KG X 5G	15KG X 2G/5G
APPROVALS	CLASS III	CLASS III
WARRANTY PERIOD	1 YEAR	1 YEAR
DIMENSIONS	345 X 325 X 135MM	330 X 290 X 135MM
WEIGHING UNITS	KG	KG
IP RATING	N/A	68
POWER SUPPLY	MAINS OR 4 X C-SIZE BATTERIES	MAINS OR 4 X C-SIZE BATTERIES
BATTERY LIFE	200+ HOURS	200+ HOURS
PLUs:	99	99
DATA TRANSFER CAPABILITY?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PORTABLE?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

# MARSDEN

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