

MCWN "NINJA" SERIES SUSPENDED CRANE SCALES



Easy to use and reliable professional digital crane scales, for weighing in industrial environments, fitted with protective transport case. Thanks to their compact size, the MCWN crane scales just slightly reduce the lifting distance of the crane. Available also CE-M APPROVED. The RF versions are standard fitted with a radio frequency communication module, for connection to PC, remote printer, or weight repeater.

MAIN FEATURES

- 25 mm LCD backlit display, easily visible in any lighting condition;
- Fitted with upper and lower shackles;
- Compact size and minimum distance between upper and lower shackle;
- Precision: $\pm 0.03\%$ on F.S.;
- 5-key waterproof keypad: Zero, semi automatic or preset Tare, Mode, Print, On/Off;
- Sturdy case in oven-fire painted steel;
- Fitted with 868MHz multipoint radio frequency module (RF versions), for connection to remote printer, PC of one or more crane scales (also with approved transmission through the Alibi Memory option), or weight indicator/repeater of one or more crane scales (with attached printer, labeller, or other accessories).
- Fitted with infrared remote control for use up to 8m of distance. The remote control can be configured by the customer as a single automatic tare or as a remote keypad;
- Power supply through 4 AA batteries, which may be rechargeable, operating time of about 40 hours (without radio frequency communication);
- Digital calibration and programmable Set-Up directly from the keypad;
- Programmable digital filter and auto switch-off;
- Operating temperature: $-10 / +40^{\circ}\text{C}$;
- RS232 serial port on the RJ45 connector;
- Fitted with protective transport case with dimensions 410x260x240mm (w x l x h).

OPTIONS AVAILABLE ONLY AT TIME OF ORDER

- Remote radio frequency weight indicator/repeater, with attached printer, labeller, or other accessories (see DFW.., 3590.., TRS.., DGT60.. series' weight indicators).
- Real Time Clock.
- Alibi memory.

MAIN FUNCTIONS

- Weighs accumulation.
- \pm check.
- Weigh percentile.
- Input/Output.
- Hold, for freezing the weight on the display.
- Peak, for identifying the weight peaks.
- X 10 high resolution visualisation.
- Net/Gross or lb/kg conversion.

Available versions

Code	Max Capacity kg	Standard Division kg	CE-M Division kg	Price €
MCWNT1	300/600/1500	0,1/0,2/0,5		510.00
MCWNT1M M	1500		0,5	600.00
MCWNT1RF	300/600/1500	0,1/0,2/0,5		780.00
MCWNT1MRF M	1500		0,5	860.00
MCWN11T6	1500/3000/6000	0,5/1/2		850.00
MCWN11T6M M	6000		2	1.030.00
MCWN11T6RF	1500/3000/6000	0,5/1/2		980.00
MCWN11T6MRF M	6000		2	1.160.00
MCWNT9	3000/6000/9500	1/2/5		980.00
MCWNT9M M	9000		5	1.160.00
MCWNT9RF	3000/6000/9500	1/2/5		1.110.00
MCWNT9MRF M	9000		5	1.290.00

Indicator connectable with MCW through optional radio transmission

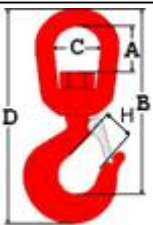
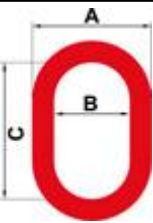
Code	Description	Price (€)
DFWPM	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display.	380,00
DFWPM10USB	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with USB port and memory for saving the weighs.	460,00
DFWLKRF	Wireless weight repeater in Rack version, for create weighing stations without cables. Fitted with transport suitcase, 5-key keypad, LCD backlit display, thermal printer, 868MHz radio frequency module and dedicated programme.	680,00

Options only available at time of order

Code	Description	Price (€)
SWM	WeiMonitor PC program for monitoring and recording in real time all the weighs executed on the connected scale.	370,00
OBRFUSB	868 MHz radio frequency module for PC, with PVC box and 1 m USB/mini USB connecting cable; power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).	480,00
OBRF232	868 MHz radio frequency module for PC, ABS IP65 protecting box, 3 m RS232 connecting cable, complete with DB9 pin connector and external power supply. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF232 must be combined with another radio module).	480,00
DFCLK	Real time clock for printing/displaying of the date and time.	90,00
ALMEM	Alibi memory (fiscal memory, max 120.000 weighs) for approved transmission of the weight to PC/PLC. Real time clock integrated for print of the date/time.	110,00

Accessories

Code	Description	Price (€)
GG1T5	Swivelling bottom hook with safety lock 1,5 t.	50,00
GG7	Swivelling bottom hook with safety lock 7 t.	150,00
GG15	Swivelling bottom hook with safety lock 15 t.	430,00
CA2	Connection ring 2,5 t.	20,00
CA8	Connection ring 8 t.	40,00
CA15	Connection ring 15 t.	70,00

	Code	A	B	C	D	H
	GG1T5	53	164	47	207	30
	GG7	84	315	90	410	48
	GG15	95	354	96	455	63
	CA2	86	60	110		
	CA8	152	100	180		
	CA15	174	110	200		

Application example with DFWLKRF or DFWPM repeater and 4 MCWNT6RF, connected in radio frequency; the repeater can view the weight of the single crane scale or the sum.



MCW "PROFESSIONAL" SERIES CRANE SCALES



WEIGHTS OF THE CRANE SCALES kg

MCW150R2	21
MCW300R2	21
MCW600R2	21
MCW1500R2	21
MCW3000	16
MCWT6	16

Reliable and easy to use AISI 304 stainless steel crane scales suitable for indoor and outdoor use, for industrial weighing applications.
 Reduced lifting distance of the crane.
 IP67 protection from dust and rain.
 Available also CE-M APPROVED.

MAIN FEATURES

- Large backlit 25mm LCD display easily visible in all lighting conditions and also with low temperatures.
- Fitted with standard approved upper galvanized shackle and standard approved bottom swivelling hook.
- Reduced distance between the upper shackle and bottom hook.
- Precision: +/- 0.05% F.S.
- Waterproof keyboard with 5 keys: ZERO, AUTOMATIC TARE, MODE, PRINT, and ON/OFF.
- MODE-key configurable as: PEAK (maximum value read), HOLD (blocking the weight viewed), Weighs accumulation, lb/kg/N conversion.
- IP67 stainless steel case (dust and rain).
- Fitted with remote control for up to a 8 m distance. The remote control may be configured by the customer as automatic tare only, or as a remote keypad.
- Rechargeable sealed battery with a 40-hour life battery.
- On request, it is available a second battery for a 24/7 use.
- Equipped with 230Vac 50 Hz battery charger.
- Operating temperature: -10 / +40 °C.
- Programmable digital filter and auto switch-off.

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Attached thermal printer option box or virtual and integrated printer.
- Integrated thermal printer (code TPRPR2 only for the "R2").
- WI-FI interface.
- RF weight transmission to remote indicator up to over 70m indoors, 150m outdoors, adequate environmental and installation conditions.
- 433MHz radiofrequency remote control (compatible with remote indicator).
- DOT red LED display of 40mm.
- Second battery for a 24/7 use (code MCWKBK for "R2" models; code MCWBK for MCW3000, MCW3000M, MCWT6, MCWT6M models).
- Remote weight indicator (see DFW., 3590., TRS., DGT60.. Series' indicators) with printer connected through radio frequency.

AVAILABLE FUNCTIONS FROM REMOTE CONTROL

- Infrared 19-key remote control** (standard), operating up to 8m:
zero; tare / manual tare; enable / disable function; print; switch-off.
- Radiofrequency 6-key remote control** (optional) operating up to 50m:
zero; tare; enable / disable function; print; switch-off.

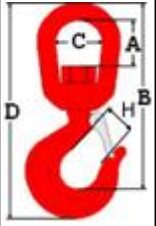
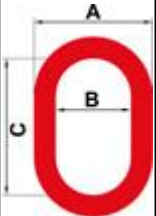
Available versions

Code	Max Capacity kg	Standard division kg	HR Division kg	CE-M Division kg	Price €
MCW300R2	300	0,1	0,05		1.160.00
MCW600R2	600	0,2	0,1		1.160.00
MCW1500R2	1500	0,5	0,2		1.160.00
MCW3000	3000	1	0,5		1.160.00
MCWT6	6500	2	1		1.630.00
MCW150MR2	150			0,05	1.250.00
MCW300MR2	300			0,1	1.250.00
MCW600MR2	600			0,2	1.340.00
MCW1500MR2	1500			0,5	1.340.00
MCW3000M	3000			1	1.340.00
MCWT6M	6000			2	1.810.00

Options only available at time of order		
Code	Description	Price (€)
SWM	WeiMonitor PC program for monitoring and recording in real time all the weighs executed on the connected scale.	370,00
EHR	High resolution model for internal factory use.	130,00
OBTPRI	Thermal printer for mounting attached to weight indicator, with stainless steel case, connection cable, power supply from weight indicator. Combinable with stainless steel indicators.	410,00
OBMCCI	Memory Data Printer for mounting attached to weight indicator, with stainless steel case, connection cable, memory card, power supply from weight indicator. Combinable with stainless steel indicators.	410,00
TPRPR2	Thermal printer integrated to the crane scale (only for the "MCW...R2" models), fitted with connection cable and power supply from the instrument.	260,00
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.	500,00
RFITR	Integrated 868 MHz radio frequency module on the indicator, complete of RS232 port. Max. functioning distance in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. Up to 50 configurable channels.	350,00
OBRFUSB	connecting cable; power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).	480,00
OBRF232	868 MHz radio frequency module for PC, ABS IP65 protecting box, 3 m RS232 connecting cable, complete with DB9 pin connector and external power supply. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF232 must be combined with another radio module).	480,00
TLR	433MHz radio frequency remote control, with 6 keys, for use up to 50 m of distance, in appropriate environmental conditions.	180,00
DFCLK	Real time clock for printing/displaying of the date and time.	90,00
ALMEM	Alibi memory (fiscal memory, max 120.000 weighs) for approved transmission of the weight to PC/PLC. Real time clock integrated for print of the date/time.	110,00
MCWLB	Version with 40mm red led digits.	460,00
MCWLB2	Version with 40mm red led digits for "MCW...R2" models.	460,00
MCWBK	Kit for using the scale 24/7 made up of extractable battery, additional extractable battery and device for the recharge with status indication (to be used with the charger fitted with the scale). NOTE: compatible only with MCW3000, MCW3000M, MCWT6 and MCWT6M models.	140,00
MCWKBK	Kit for continuous use 24/7 made up of extractable battery, additional extractable battery and device for the recharge with status indication (to be used with the charger fitted with the scale).	140,00

Indicator connectable with MCW through optional radio transmission		
Code	Description	Price (€)
DFWPM	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display.	380,00
DFWPM10USB	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with USB port and memory for saving the weighs.	460,00
DFW06XPCC	Multifunction weight indicator with IP65 ABS case, 5-key keypad, backlit LCD display, and standard weighing programme.	340,00
DFWK06PXPCCM	Multifunction weight indicator with IP65 ABS case, 17-key keypad, backlit LCD display, attached thermal printer, and standard weighing programme.	550,00
DGT60R	Weight repeater with IP68 stainless steel case, 5-key keypad, 60 mm LED display and dedicated program (not including the weighing functions).	730,00
MSTSLV	Optional program for using the indicator as a universal weight repeater or as a multi-scale repeater (MASTER) in combination with the DFW/DGT/MCW.	70,00
OBRF	External 868 MHz radio frequency module for weight indicator/repeater, with ABS IP65 protecting box and 3 m RS232 connecting cable; power supply from weight indicator/repeater. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF must be combined with another radio module).	260,00

Accessories		
Code	Description	Price (€)
GG1T5	Swivelling bottom hook with safety lock 1,5 t.	50,00
GG7	Swivelling bottom hook with safety lock 7 t.	150,00
CA2	Connection ring 2,5 t.	20,00
CA4	Connection ring 4 t.	25,00
CA8	Connection ring 8 t.	40,00

	Code	A	B	C	D	H
	GG1T5	53	164	47	207	30
	GG7	84	315	90	410	48
	CA2	86	60	110		
	CA4	111	75	135		
	CA8	152	100	180		

MCW09 "PROFESSIONAL" STAINLESS STEEL CRANE SCALE SERIES



MCW09: Dinamometro in acciaio INOX IP67, con modulo radiofrequenza opzionale.

Stainless steel crane scales, with 40mm DOT LED large display, for maximum visibility from all angles and in any lighting condition, including direct sunlight. Sturdy and reliable, usable indoors as well as outdoors. Minimum reduction of the crane's lifting space. IP67 protection against dust and sprays.

MAIN FEATURES

- | Extremely bright large red DOT LED 40mm display, which guarantees a perfect visibility of the weight from any angle, also from a long distance.
Usable indoors as well as outdoors, great visibility also in full sunlight.
- | Adjustable brightness intensity.
- | Sturdy STAINLESS steel structure, with IP67 protection degree of the load cell and the electronics, against dust and sprays.
- | Fitted with approved galvanised shackles.
- | Extremely reduced distance between upper and lower shackles.
- | Precision: +/- 0,1% on F.S.
- | 5-key waterproof keypad: ZERO, AUTOMATIC TARE, MODE, PRINT, and ON/OFF.
- | Programmable digital filter, for an excellent weight visualisation in any working condition.
- | Programmable automatic switch-off function, either through keypad or remote control.
- | Fitted with radiofrequency 6-key remote control, configurable as just an automatic tare or as a remote keypad.
- | Predisposed for an 868MHz radio interface or WiFi, for connection to PC or to a remote terminal and printer.
- | Rechargeable battery, with an average life of about 30 hours.
- | Predisposed for a second optional extractable battery for 24/7 continuous use.
- | Fitted with 230Vac 50 Hz battery charger.
- | Programmable digital calibration and Set-Up directly from the keypad.
- | Operating temperature range: -10/+40 °C.

SELECTABLE FUNCTIONS

- | PEAK (maximum value read).
- | HOLD (lock of the displayed weight).
- | Weighing totalization.
- | lb/kg conversion (see DFW weight indicators for more functions).
- | +/- checkweighing.
- | Percentage weighing.
- | Counting.
- | Peer-to-peer.
- | High Resolution Weighing x 10.

OPTIONS AVAILABLE UPON REQUEST ONLY TOGETHER WITH THE ORDER

- | Radio frequency weight transmission to remote indicator, up to 70m indoors.
- | 868Mhz radio interface.
- | WI-FI interface.
- | Remote weight indicator connected in radio frequency, (see DFW., 3590., TRS., DGT60.. series' weight indicators) with the printer or other accessories.

AVAILABLE FUNCTIONS FROM REMOTE CONTROL

- | Zero; tare; enable / disable function; print; switch-off.

Available versions

Code	Max Capacity kg	Standard division kg	HR Division kg	Price €
MCW09T12	12000	5	2	2.280.00
MCW09T17	17000	10	5	2.600.00
MCW09T25	25000	10	5	3.250.00
MCW09T35	35000	20	10	4.490.00
MCW09T55	55000	20	10	7.410.00

Indicator connectable with MCW09 through optional radio transmission

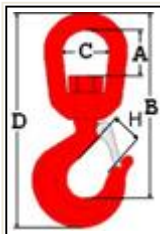
Codice	Descrizione	Prezzo (€)
DFWPM	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display.	380,00
DFWPM10USB	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with USB port and memory for saving the weights.	460,00
DFW06XPCC	Multifunction weight indicator with IP65 ABS case, 5-key keypad, backlit LCD display, and standard weighing programme.	340,00

Options only available at time of order

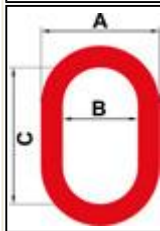
Codice	Descrizione	Prezzo (€)
SWM	WeiMonitor PC program for monitoring and recording in real time all the weighs executed on the connected scale.	370,00
MSTSLV	Optional program for using the indicator as a universal weight repeater or as a multi-scale repeater (MASTER) in combination with the DFW/DGT/MCW.	70,00
EHR	High resolution model for internal factory use.	130,00
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.	500,00
RFITR	Integrated 868 MHz radio frequency module on the indicator, complete of RS232 port. Max. functioning distance in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. Up to 50 configurable channels.	350,00
OBRF	External 868 MHz radio frequency module for weight indicator/repeater, with ABS IP65 protecting box and 3 m RS232 connecting cable; power supply from weight indicator/repeater. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF must be combined with another radio module).	260,00
OBRFUSB	868 MHz radio frequency module for PC, with PVC box and 1 m USB/mini USB connecting cable; power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).	480,00
OBRF232	868 MHz radio frequency module for PC, ABS IP65 protecting box, 3 m RS232 connecting cable, complete with DB9 pin connector and external power supply. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF232 must be combined with another radio module).	480,00
DFCLK	Real time clock for printing/displaying of the date and time.	90,00
MCWKBK	Kit for continuous use 24/7 made up of extractable battery, additional extractable battery and device for the recharge with status indication (to be used with the charger fitted with the scale).	140,00

Accessories

Code	Description	Price (€)
GG15	Swivelling bottom hook with safety lock 15 t.	430,00
GG22	Swivelling bottom hook with safety lock 22 t.	910,00
GG30	Swivelling bottom hook with safety lock 30 t.	2.600,00
CA15	Connection ring 15 t.	70,00
CA30	Connection ring 30 t.	220,00
CA40	Connection ring 40 t.	300,00



Code	A	B	C	D	H
GG15	95	354	96	455	63
GG22	121	432	120	565	80
GG30	133	568	139	667	88



CA15	174	110	200
CA30	270	180	340
CA40	292	190	350

MCWK "PROFESSIONAL" SERIES STAINLESS STEEL CRANE SCALE

Stainless steel crane scales, with large 40mm DOT LED display, for maximum visibility from any angle and in any light condition, also with direct sunlight. Sturdy and reliable, usable in any environment, inside or outside. Minimum reduction of the lifting space of the crane. IP67 protection, from dust and rain. Available also CE-M APPROVED. Fitted with test certificate obtained with sample weights.

MAIN FEATURES

- Large DOT LED very bright 40mm display, which guarantees a perfect weight visibility from any angle, also from a long distance.
Usable in any internal or external environment, with good visibility also in full sunlight.
- Adjustable brightness intensity.
- Sturdy structure in STAINLESS steel, with IP67 protection of the load cell and the electronics, against dust and watersprays.
- Fitted with approved upper galvanised shackle and lower swivelling hook.
- Extremely reduced distance between upper shackle and lower hook.
- Precision: $\pm 0.03\%$ F.S.
- Waterproof keypad with 5 keys: ZERO, AUTOMATIC TARE, MODE, PRINT and ON/OFF.
- Programmable digital filter, for an excellent weight visualisation in any working condition.
- Programmable turn-off function: automatic, from keypad or from remote control.
- Fitted with remote control, configurable as only automatic tare or as 4-key remote keypad.
- Configurable functioning mode at choice, such as PEAK (maximum read value), HOLD (lock of displayed weight), weighs totalisation, lb/kg conversion (for other available functions see DFW indicator).
- Predisposed for 866MHz radio interface or WiFi, connection to PC, or remote terminal and printer.
- Rechargeable battery, with average life of about 30 hours.
- Predisposed for optional second extractable battery for 24/7 continuous use.
- Fitted with 230 Vac 50 Hz battery charger.
- Digital calibration and Set-Up programmable directly from keyboard s.
- Operating temperature range: $-10/+40^{\circ}\text{C}$.
- Weight: about 25kg (including packing).

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

RF weight transmission to remote indicator up to over 70m indoors

WI-FI interface


Attached thermal printer option box

Remote weight indicator (see DFW..., 3590..., TRS..., DGT60.. Series' indicators)

With printer connected through radio frequency

SIT calibration certificate according to OIML/ASTM standards.



Code	Max Capacity kg	Standard Division kg	HR Division kg	CE-M Division kg	Price €
MCWK8	6000/8000	2/5	1/2	--	2.080.00
MCWK8M 	6000/8000	--	--	2/5	2.450.00

Code	Description	Price €
DFWPM	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display.	590,00
DFWPM10USB	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with USB port and memory for saving the weighs.	670,00
DFW06XPCC	Multifunction weight indicator with IP65 ABS case, 5-key keypad and backlit LCD display.	380,00
Code	Description	Price €
EHR	High resolution model for internal factory use.	130,00
MCWKBK	Kit for continuous use 24/7 made up of extractable battery, additional extractable battery and device for the recharge with status indication (to be used with the charger fitted with the scale).	140,00
RFITR	Integrated 868 MHz radio frequency module on the indicator, complete of RS232 port. Max. functioning distance in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. Up to 50 configurable channels. (RFITR must be combined with another radio module).	350,00
OBRF	External 868 MHz radio frequency module for weight indicator/repeater, with ABS IP65 protecting box and 3 m RS232 connecting cable; power supply from weight indicator/repeater. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF must be combined with another radio module).	350,00
OBRFUSB	868 MHz radio frequency module for PC, with PVC box and 1 m USB/mini USB connecting cable; power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).	480,00
OBRF232	868 MHz radio frequency module for PC, with PVC box, 3 m RS232 connecting cable complete with DB9 pin connector and power supply. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF232 must be combined with another radio module).	480,00
DFCLK	Clock and calendar for printing/displaying of the date and time.	90,00
ALMEM	Alibi memory (fiscal memory, max 120.000 weighs) for approved transmission of the weight. Clock/calendar integrated for print of the date/time.	170,00
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.	500,00

Code	Description	Price €
CA8	Connection ring 8 t.	40,00
DFTL	Remote control for use up to 8 m of distance.	80,00
UKPLUG	Power adapter from Schuko to BS1363.	20,00

MCWHU "HULK" SERIES SUSPENDED CRANE SCALES

High capacity crane scales for industrial use, reliable and easy to use, suitable both for business - warehouses as well as for more adverse environments. Available for internal factory use or CE-M APPROVED. TAKES UP LITTLE SPACE allowing the best use of the lifting devices (overhead bridge, crane, etc.). Predisposed for an upper connection ring and lower hook. Fitted with test certificate obtained with sample weights, up to 15000 kg of capacity. t...,



MAIN FEATURES

40 mm RED LED display.
 Waterproof keyboard with 5 keys which are ZERO, AUTOMATIC TARE, MODE, PRINT, and ON/OFF.
 Protective screen in plexiglas for display and keyboard.
 Precision: $\pm 0.03\%$ F.S.
 Built extremely sturdy in oven-fire painted sheet steel, with IP67 protection degree against dust and sprays.
 Weighs about 86 kg.
 Remote control for up to 8 m, configurable as automatic tare only or as a 4-key remote keypad.
 Fitted with extractable rechargeable battery pack, with 60-hour operating time, designed to be combined with MCWHBK option for 24/7 continuous use of the crane scale. The recharge can be done directly through the crane scale or through external battery charger device, with MCWHBK option.
 Digital set-up and calibration programmable directly from keyboard using a sample weight.
 Operating temperature: $-10/+80$ C, with optional thermal shield ($-10/+40$ C for the CE-M approved model).
 Programmable digital filter and auto power saving function.
 Equipped with 230 Vac 50 Hz battery charger, for charging the battery from the crane scale.

SELECTABLE FUNCTIONS

High Resolution Weighing x 10. - Net/Gross or lb/kg conversion. - Accumulation. - \pm Checkweighing. - Percentage weighing. - Counting - - HOLD (lock of the displayed weight) - PEAK (maximum value read) eer-

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

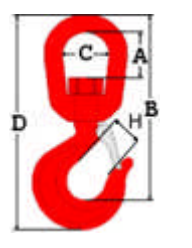
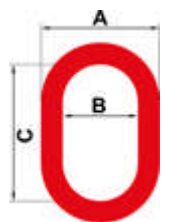
- Radio frequency transmission to remote indicator up to 70 m indoors.
- WI-FI interface.
- Thermal printer option box attached to the indicator.
- Thermal shield for protection from infrared rays and high temperatures. Remote weight indicator (see DFW., 3590., TRS., GLH.. series weight indicators) with printer or other accessories connected through radio frequency. Separate 230 Vac 50 Hz recharging station for 24/7 continuous use, made up of additional battery pack and adapter for the external recharge of the battery.
- ATEX version.
- Date and Time.
- SIT calibration certificate according to OIML/ASTM standards.

Code	Max Capacity kg	Division kg	CE-M Division kg	Price €
MCWHU10	10000	2		3.090.00
MCWHU15	15000	2		3.530.00
MCWHU25	25000	5		3.880.00
MCWHU35	35000	10		4.720.00
MCWHU10M M	10000		5	3.450.00
MCWHU15M M	15000		5	3.890.00

Code	Description	Price €
3590KR01	3590KR series indicator with "AF01" version for Totalisation and dosage systems, complete of ABS transport case, built-in rechargeable battery, 4 connectors for platform connection, and battery charger.	1.240,00
DFWPM	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display.	590,00
DFWPM10USB	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with USB port and memory for saving the weighs.	670,00
DFW06XPCC	Multifunction weight indicator with IP65 ABS case, 5-key keypad and backlit LCD display.	380,00

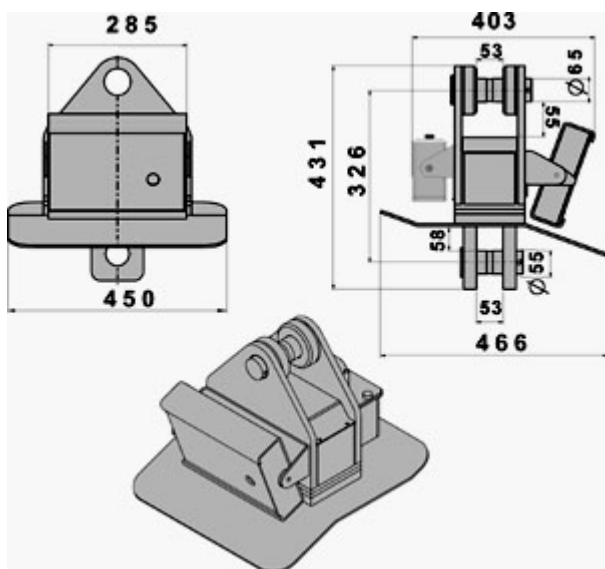
Code	Description	Price €
RFITR	Integrated 868 MHz radio frequency module on the indicator, complete of RS232 port. Max. functioning distance in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. Up to 50 configurable channels. (RFITR must be combined with another radio module).	350,00
OBRF	External 868 MHz radio frequency module for weight indicator/repeater, with ABS IP65 protecting box and 3 m RS232 connecting cable; power supply from weight indicator/repeater. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF must be combined with another radio module).	350,00
OBRFUSB	868 MHz radio frequency module for PC, with PVC box and 1 m USB/mini USB connecting cable; power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).	480,00
OBRF232	868 MHz radio frequency module for PC, with PVC box, 3 m RS232 connecting cable complete with DB9 pin connector and power supply. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF232 must be combined with another radio module).	480,00
ALMEM	Alibi memory (fiscal memory, max 120.000 weighs) for approved transmission of the weight. Clock/calendar integrated for print of the date/time.	170,00
TPRP	Thermal printer for panel mounting for use with weight indicator, with connection cable, 5V power supply.	330,00
DFCLK	Clock and calendar for printing/displaying of the date and time.	90,00
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.	500,00
MCWHSB	Thermal shield for protection from high temperatures (the crane scale can function with a max. environment temperature of 80°C. The thermal shield prevents the heat (in the form of infrared rays) beneath the shield to quickly increase the crane scale temperature. With the thermal shield it is possible to quickly pass over heat sources having a strong infrared ray emission. The amount of time which it can be above these sources depends on the type of source energy and the distance of the crane scale from it.)	490,00
MCWHBK	Additional extractable battery kit, rechargeable, for 24/7 continuous use of the crane scale and battery charger with light indication of the status. Ready for use with the power supply of the crane scale.	250,00

Code	Description	Price €
GG15	Swivelling bottom hook with safety lock 15 t.	430,00
GG22	Swivelling bottom hook with safety lock 22 t.	910,00
GG30	Swivelling bottom hook with safety lock 30 t.	2.300,00
CA15	Connection ring 15 t.	70,00
CA30	Connection ring 30 t.	220,00
CA40	Connection ring 40 t.	300,00
DFTL	Remote control for use up to 8 m of distance.	80,00
UKPLUG	Power adapter from Schuko to BS1363.	20,00

MEASUREMENTS OF HOOKS AND RINGS IN MM						
	Code	A	B	C	D	H
	GG15	95	354	96	455	63
	GG22	121	432	120	565	80
	GG30	133	568	139	667	88
	CA15	174	110	200		
	CA30	270	180	340		
	CA40	292	190	350		



MCWATEX2GD with optional ring and swivelling hook



Industrial crane scales for use in areas classified as hazardous (Zone 1 and 21, 2 and 22) in accordance with Ex II 2GD IIC T4 T197°C X protection. LITTLE SPACE IS TAKEN UP allowing the best use of the lifting devices. Predisposed for an upper connection ring and lower hook.

Fitted with test certificate obtained with sample weights, up to 15000 kg of capacity.

MAIN FEATURES

Indicator with 17-key numeric-functional waterproof keyboard.
 LCD display with 6 25-mm high contrast digits and icons for showing the active functions.
 Precision: $\pm 0.03\%$ F.S.
 Built extremely sturdy in oven-fire painted sheet steel.
 Digital set-up and calibration programmable directly from keyboard using a sample weight.
 Operating temperature: $-10 / +40$ °C.
 Adjustable digital filter, anti vibration and oscillation.
 Programmable auto switch-off power for energy saving.
 Hermetically sealed extractable rechargeable battery, with 160-hour operating time; rechargeable in safe area.
 Equipped with 230 Vac 50 Hz battery charger to be used in safe area.

KEYBOARD FUNCTIONS

- Zeroing.
- Automatic Tare.
- Presettable Tare.
- Tare database (up to 10).
- ID1 and ID2 10-digit Codes.
- Selectable function command.
- On/off switching.

SELECTABLE FUNCTIONS

Simple display and/or with sensitivity HR x 10.

- Net/Gross.
- lb/kg conversion.
- Weighs accumulation (with up to 10 storage values).
- Formula weighing.
- Counting with function of entering the known A.P.W.
- Hold.

OPTIONS AND ACCESSORIES

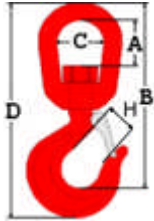
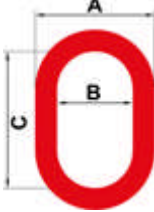
- Additional rechargeable battery pack, for use the crane scale 24/7.
- Swivelling bottom hook.
- Connection ring.
- SIT calibration certificate according to OIML/ASTM standards.

Code	Max Capacity kg	Division kg	HR Division kg	CE-M Division kg	Price €
MCWATEX152GD	15000	5	2		4.950.00
MCWATEX252GD	25000	10	5		5.200.00
MCWATEX352GD	35000	20	10		6.440.00
MCWATEX152GDM M	15000			5	5.850.00

Code	Description	Price €
DFWBP76ATEX	Rechargeable ATEX battery from 9,6 Vdc and 7600 mAh for weight indicator, pallet truck scale, or crane scale. NOTE: Recharge of the battery pack allowed only in a safe area. In the applications with the weight indicator mounted on a column or cart, the installation requires the STFA bracket.	620,00

Code	Description	Price €
GG15	Swivelling bottom hook with safety lock 15 t.	430,00
GG22	Swivelling bottom hook with safety lock 22 t.	910,00
GG30	Swivelling bottom hook with safety lock 30 t.	2.300,00
CA15	Connection ring 15 t.	70,00
CA30	Connection ring 30 t.	220,00
CA40	Connection ring 40 t.	300,00

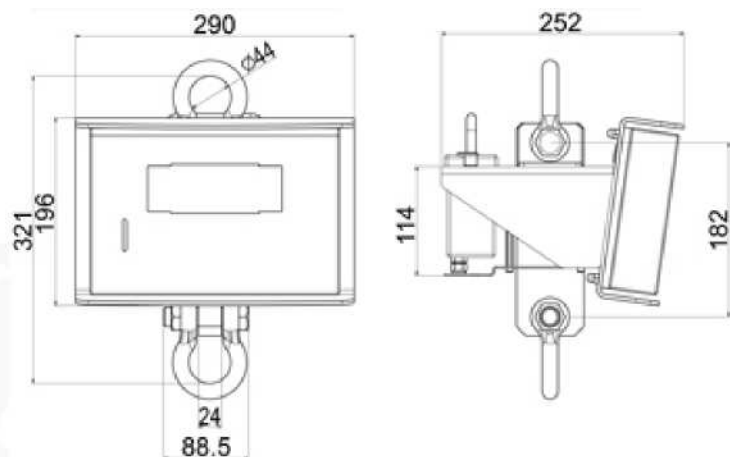
MEASUREMENTS OF HOOKS AND RINGS IN MM

	Code	A	B	C	D	H
	GG15	95	354	96	455	63
	GG22	121	432	120	565	80
	GG30	133	568	139	667	88
	CA15	174	110	200		
	CA30	270	180	340		
	CA40	292	190	350		

MCWX2GD SUSPENDED CRANE SCALES



MCWX2GD



MCWX2GD - dimensions in mm.

Industrial crane scales for use in areas classified as hazardous (Zone 1 and 21, 2 and 22) in accordance with Ex II 2GD IIC T4 T197°C X protection.

Structure completely in stainless steel, with IP68 protection degree. LITTLE SPACE IS TAKEN UP allowing the best use of the lifting devices. Predisposed for an upper connection ring and lower hook.

MAIN FEATURES

- Indicator with 17-key numeric-functional waterproof keyboard.
- LCD display with 6 25-mm high contrast digits and icons for showing the active functions.
- Precision: $\pm 0.03\%$ F.S.
- Built extremely sturdy in IP68 stainless steel. ;•
- Fitted with upper and lower shackle.
- Digital set-up and calibration programmable directly from keyboard using a sample weight.
- Operating temperature: $-10 / +40$ °C.
- Adjustable digital filter, anti vibration and oscillation. .
- Programmable auto switch-off power for energy saving.
- Hermetically sealed extractable rechargeable battery, with 160-hour operating time; rechargeable in safe area.
- Equipped with 230Vac 50 Hz battery charger to be used in safe area.

KEYBOARD FUNCTIONS

- Zeroing.
- Automatic Tare.
- Presetable Tare.
- Tare database (up to 10).
- ID1 and ID2 10-digit Codes.
- Selectable function command.
- On/off switching.

SELECTABLE FUNCTIONS

- Simple display and/or with sensitivity HR x 10.
- Net/Gross.
- lb/kg conversion.
- Weighs accumulation (with up to 10 storage values).
- Formula weighing.
- Counting with function of entering the known A.P.W.
- Hold.

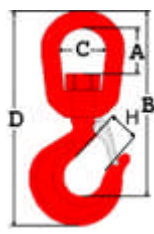
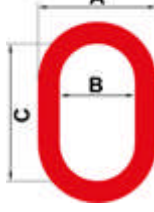
OPTIONS AND ACCESSORIES

- Additional rechargeable battery pack, for use the crane scale 24/7.
- Swivelling bottom hook.
- Connection ring.
- SIT calibration certificate according to OIML/ASTM standards. .

Code	Max Capacity kg	Division	HR Division	CE- M Division kg	Price €
MCWX2GD600	600	0,2	0,1		2.590.00
MCWX2GD1T5	1500	0,5	0,2		2.590.00
MCWX2GD3T	3000	1	0,5		2.980.00
MCWX2GD6T	6000	2	1		2.980.00
MCWX2GD600M M	600			0,2	2.770.00
MCWX2GD1T5M M	1500			0,5	2.770.00
MCWX2GD3TM M	3000			1	3.160.00
MCWX2GD6TM M	6000			2	3.160.00

Code	Description	Price €
DFWBP76ATEX	Rechargeable ATEX battery from 9,6 Vdc and 7600 mAh for weight indicator, pallet truck scale, or crane scale. NOTE: Recharge of the battery pack allowed only in a safe area. In the applications with the weight indicator mounted on a column or cart, the installation requires the STFA bracket.	620,00

Code	Description	Price €
GG15	Swivelling bottom hook with safety lock 15 t.	430,00
GG22	Swivelling bottom hook with safety lock 22 t.	910,00
GG30	Swivelling bottom hook with safety lock 30 t.	2.300,00
CA15	Connection ring 15 t.	70,00
CA30	Connection ring 30 t.	220,00
CA40	Connection ring 40 t.	300,00

MEASUREMENTS OF HOOKS AND RINGS IN MM						
	Code	A	B	C	D	H
	GG15	95	354	96	455	63
	GG22	121	432	120	565	80
	GG30	133	568	139	667	88
	CA15	174	110	200		
	CA30	270	180	340		
	CA40	292	190	350		

DFWPM "PLAY MOBILE": PORTABLE WEIGHT REPEATER



DFWPM: radio frequency weight repeater for DFW indicators and MCW crane scales.

Radio frequency weight repeater for DFW indicators and MCW crane scales, easy to transport and view thanks to its small size and to the backlit large digit display. It allows to repeat the main scale functions from a distance, thanks to the integrated keypad, and to memorise the weighs for the following processings by PC through the serial commands or the "Weigh Console" software

• TECHNICAL FEATURES

- Backlit LCD 25 mm LCD display with 6 high contrast digits with icons for indicating the active functions.
- 6 Vdc power supply, with extractable battery box, for functioning with 4 AA batteries.
- Keypad with 5 keys, in polycarbonate.
- Compact and sturdy case, easy to clean and resistant in harsh and corrosive environments.
- Digital Set-Up from keypad.
- Memory for saving the weighs (standard fitted with the DFWPM10USB model).

SERIAL PORTS

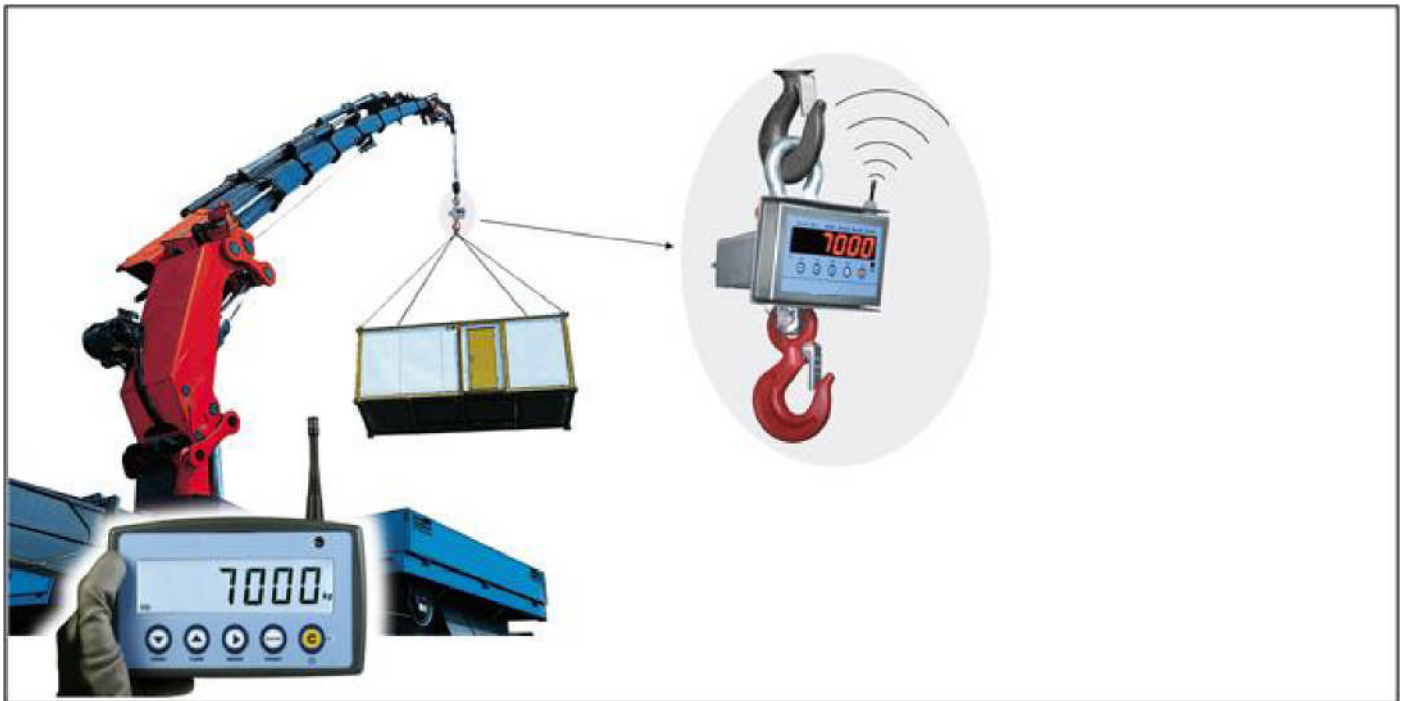
- 868Mhz integrated radio modem, with 50 different frequency channels, easily programmable from PC, for communication with indicator, scale and crane scale.
- USB port (standard fitted with the DFWPM10USB model), for quick connection to the PC.
- Infrared receiver for functioning with remote control.

• AVAILABLE FUNCTIONS

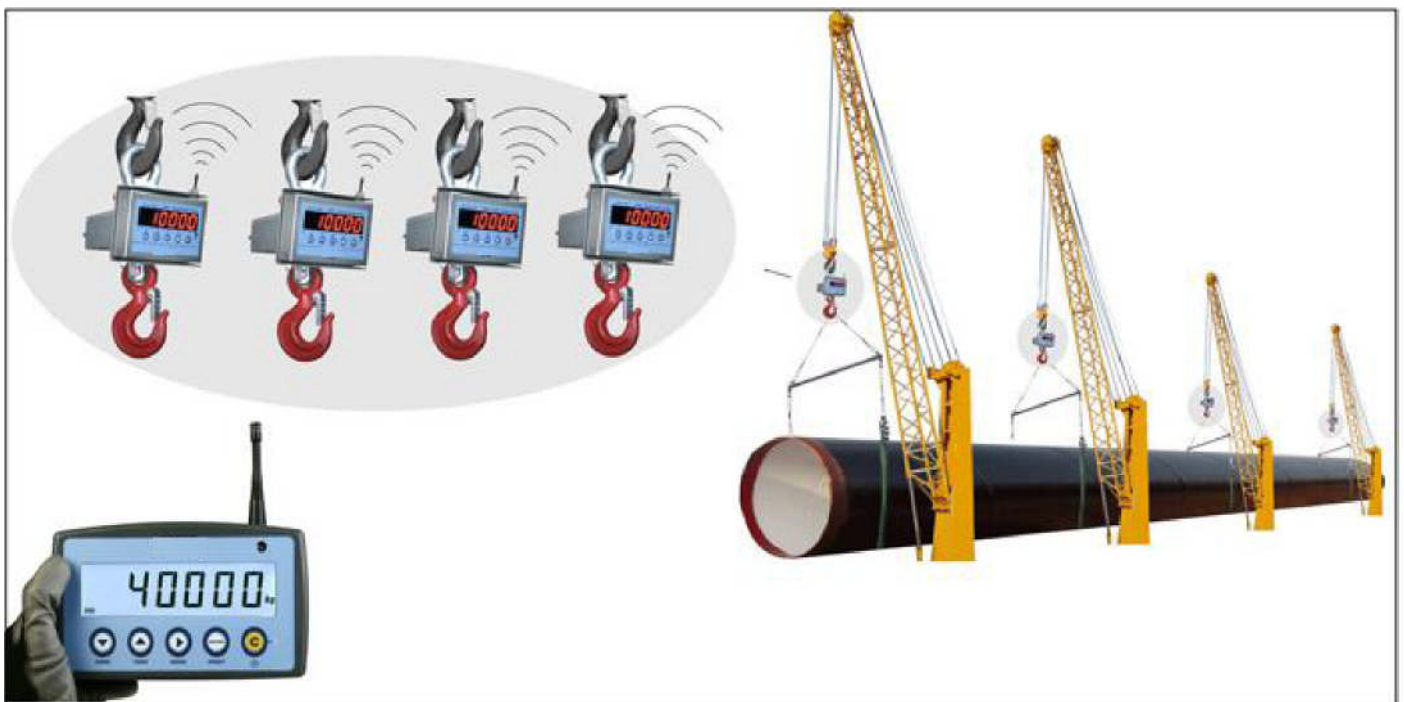
- Management of the functions of the displayed scale: ZERO, TARE, PRINT, ENABLING/DISABLING of the FUNCTIONING MODE and SWITCH-OFF.
- Saving in memory (DFWPM10USB model) the weight of the single connected scales or the sum of the weights, for a total of 500 memory storages.
- Connection to the PC through USB port for reading the list of weighs, through commands or by using the fitted "Weigh Console" software.

Versioni disponibili:

Codice Descrizione		Prezzo (€)
DFWPM	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display.	510,00
DFWPMUSB	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with USB port and memory for saving the weighs.	590,00



DFWPM: Single scale weight repeater application.



DFWPM: Multi scale weight repeater application.

PHS SERIES CRANE SCALE

Portable and accurate crane scale for weighing anywhere. Has a continuous 250-hour operating time (auto-switch off function in case it's not used for a long time).



MAIN FEATURES

- Backlit LCD display with 5 digits 24 mm high
- Mechanical membrane functional waterproof keypad with 4 keys: : off, hold, on/zero, mode.
- Nominal overload: 200% f.s.
- Maximum overload: 300% f.s. (but with a 60 kg maximum limit for PHS30K model).
- Power supply: 4 built-in 1.5 V UM2 type size C batteries (not included).
- Operating temperature from +0° C to +40° C.
- Packaging: dimensions: 200 x 260 x 100 mm - weight: 1 kg.
- Upon request: SIT calibration with issuing of relative certificate.

FUNCTIONS

- Hold function; unit of measure conversion: kg, lb, oz; zeroing; digital calibration; auto switch-off; backlight command; low battery warning.

Code	Max Capacity kg	Division g	Price €
PHS3000	3	2	230.00
PHS7500	7,5	5	230.00
PHS15K	15	10	230.00
PHS30K	30	20	230.00

CHS SERIES CRANE SCALE

Portable, practical crane scale for weighing anywhere. Sturdy and reliable.



MAIN FEATURES

- LCD display with 5 digits.
- Mechanical membrane functional waterproof keypad with 3 keys: on / off, hold / unit, zero / tare.
- Power supply: 3 AA internal 1.5 V batteries (included).
- Operating temperature from +0° C to +40° C.
- Packaging: dimensions: 240 x 130 x 80 mm - weight: 625 g.
- Upon request: SIT calibration with issuing of relative certificate.
- Hold function;
- unit of measure conversion: kg, lb;
- automatic tare;
-

FUNCTIONS

- zeroing;
- digital calibration;
- auto-switch off

Code	Max Capacity kg	Division g	Price €
CHS20	20	10	200.00

DHS SERIES CRANE SCALE



Portable and accurate crane scale for weighing anywhere. Has a continuous 250-hour operating time, auto-switch off function in case it's not used for a long time.

TECHNICAL FEATURES

- Backlit LCD display with 5 digits 18mm high.
- Precision: $\pm 0.15\%$ F.S.
- Mechanical waterproof simplified keypad with 3 keys.
- Aluminium case, 140x80x47mm size, 420g weight, colour: see table.
- 250h operating time; autoswitch-off function when not used for a long time.
- Power supply: 3 fitted extractable batteries of the 1,5 V AA type.
- Packaging: 100x110x170mm size - approximate weight of 730g.

FUNCTIONS

- zeroing;
- semi-automatic tare;
- HOLD (freezing the weight on the display);
- unit of measure conversion: kg, lb, N (Newton);
- digital calibration;
- auto switch-off;
- backlight command;
- low battery warning.

Portable crane scale: Available versions

Code	Max Capacity kg	Standard Division g	Price €
DHS15	15	5	200.00
DHS30	30	10	200.00
DHS60	60	20	200.00
DHS150	150	50	200.00
DHS300	300	100	200.00

OCSF SERIES HANGING SCALE



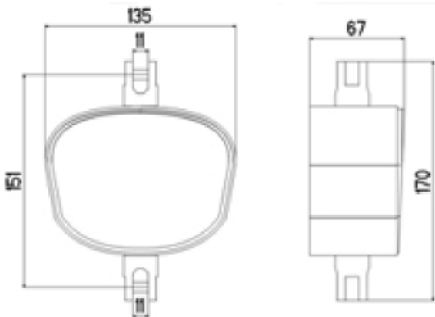
Compact, precise, sturdy and versatile crane scale. 70-hour operating time with continuous use; fitted with an upper shackle and a swivelling lower hook.

TECHNICAL FEATURES

- Very bright backlit 30mm LCD display.
- Precision: +/- 0.05% F.S.
- Multifunction keypad with 5 keys.
- ABS case.
- Fitted with: upper shackle and lower hook; remote controll. .
- About 70h operating time; autoswitch-off function when not used for a long time.
- Power supply: 3 fitted extractable batteries of the 1,5 V AA type.
- Packaging: 300x300x320mm size - approximate weight of 3kg.

FUNCTIONS

- Zero;
- HOLD (freezing the weight on the display);
- Net/Gross;
- Totalisation of up to 10 weighs;
- kg/lb conversion;
- Weight displayed in high resolution.



DIMENSIONS IN mm

Crane scale: Available Versions			
Code	Max Capacity kg	Division kg	Price €
OCSF50	50	0,02	200.00
OCSF150	150	0,05	200.00
OCSF300	300	0,1	200.00

OCS SERIES HANGING SCALE

Compact, precise, sturdy and versatile crane scale. 70-hour operating time with continuous use; fitted with an upper shackle and a lower hook. Remote control for managing the crane scale from a distance.

TECHNICAL FEATURES

Very bright 30mm LED display.

Precision: +/- 0.05% F.S.

Multifunction keypad with 4 keys.

Painted steel case.

Fitted with: upper shackle, lower hook and remote control.

About 70h operating time; autoswitch-off function in case it's not used for a long time.

Power supply: built-in rechargeable battery; 230 Vac power adapter included.

Packaging:

- OCS3T: 440x420x320mm size - approximate weight of 16kg.
- OCS5T: 440x420x320mm size - approximate weight of 22kg.
- OCS10T: 630x670x700mm size - approximate weight of 50kg.

FUNCTIONS

- Zero;

HOLD (freezing the weight on the display);

Net/Gross;

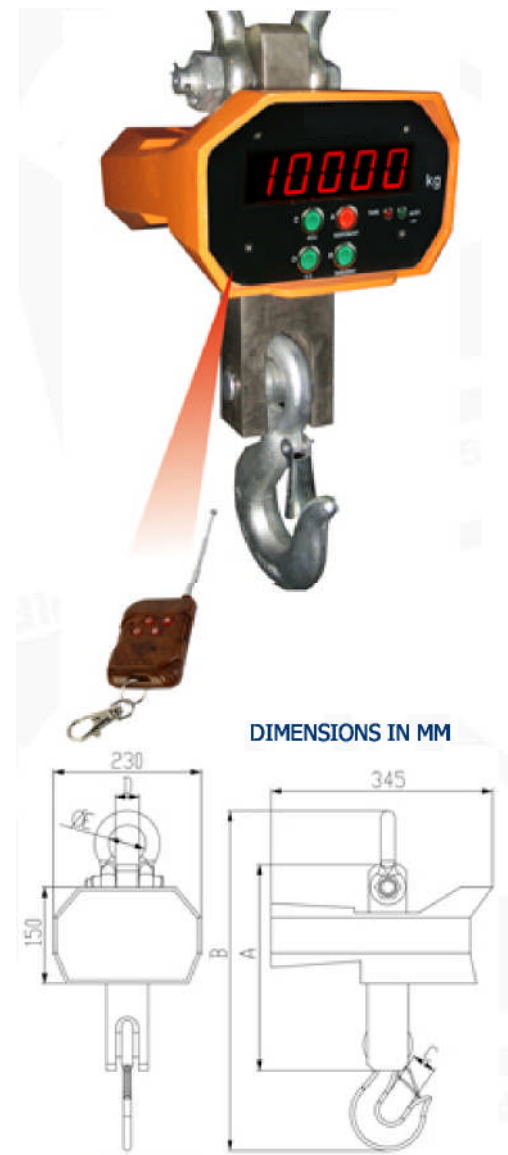
Weighs storage;

- Totalisation;

kg/lb conversion.

	A	B	C	D	E
OCS3T	320	600	40	45	75
OCS5T	360	660	52	45	75
OCS10T	480	840	60	52	90,5

DIMENSIONS IN MM



Code	Max Capacity kg	Standard Division kg	Price €
OCS3T	3000	1	640.00
OCS5T	5000	2	770.00
OCS10T	10000	5	900.00