MCW Professional Series Single Security Crane Scales

DINI ARGEO
Scales - Weighing systems

As of: Friday, January 9, 2026



Standard Features

- Single security system, for the lifting and the weighing of the load
- In compliance with the directives 2006/42 CE, UNI EN 13155/2009, UNI EN 13889, 2014/30/EU
- 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 hook. GR3 and GOC1 for MCWR2 (150/300/600/1500).
- 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
- 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 24/7 use.
- Equipped with 230Vac 50 Hz battery charger. EU, UK, US plugs as standard
- Operating temperature: -10 /+40 °C
- Programmable digital filter and auto switch-off

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. The single security system makes them suitable for lifting and weighing the load. IP67 protection from dust and rain. Available also CE-M APPROVED. Fitted with test certificate obtained with sample weights.

MCW Professional Specifications

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

Integrated thermal printer TPRPR2.
2.4 GHz radio interface.
WI-FI interface.
RF weight transmission to remote indicator up to over 70m indoors, 150m outdoors, adeguate 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).
ACCREDIA calibration certificate according to OIML/ASTM standards.
Remote weight indicator 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 (kg)	d (kg)	M (kg*)	d HR (kg)*
MCW300R2-2	300	0,1	--	0,05
MCW600R2-1	600	0,2	--	0,1
MCW1500R2-1	1500	0,5	--	0,2
MCW150MR2-1 M	150	--	0,05	--
MCW300MR2-1 M	300	--	0,1	--
MCW600MR2-1 M	600	--	0,2	--
MCW1500MR2-1 M	1500	--	0,5	--

(*) The HR division is obtainable only with the relative EHR option

NOTE: **MCWxxxR2-2** only supports the RF2G4-1 interface.
MCWxxxR2-1 only supports the RF2G4 interface.

Parts

Part #	Description
Available Versions	
MCW300R2-2	Crane scale with 300 kg capacity, 0,1 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with upper shackle, bottom swivelling hook and remote control. Maintenance and safety manual included.
MCW600R2-1	Crane scale with 600 kg capacity, 0,2 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with upper shackle, bottom swivelling hook and remote control. Maintenance and safety manual included.
MCW1500R2-1	Crane scale with 1500 kg capacity, 0,5 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with upper shackle, bottom swivelling hook and remote control. Maintenance and safety manual included.
MCW150MR2-1	Approved crane scale with 150 kg capacity, 0,05 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with upper shackle, bottom swivelling hook and remote control. Maintenance and safety manual included.
MCW300MR2-1	Approved crane scale with 300 kg capacity, 0,1 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with upper shackle, bottom swivelling hook and remote control. Maintenance and safety manual included.
MCW600MR2-1	Approved crane scale with 600 kg capacity, 0,2 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with upper shackle, bottom swivelling hook and remote control. Maintenance and safety manual included.
MCW1500MR2-2	Approved crane scale with 1500 kg capacity, 0,5 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with upper shackle, bottom swivelling hook and remote control. Maintenance and safety manual included.

Options

Part #	Description
High Resolution (d HR) (only at time of order)	
EHR	High resolution model for internal factory use.
Extractable batteries for 24/7 continuous use	
MCWKBK	Kit for continuous use 24/7 made up of extractable battery and device for the recharge with status indication, to be used with the supplied charger. Not compatible with MCW09T50 model.
MCWKBKB	Removable battery for MCW09 and MCW Professional. Not compatible with MCW09T50.
Communication Interfaces	
OBRF2G4-USB	External 2.4 GHz radio frequency module, USB cable l=1m. Power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 45 m indoors, 140 outdoors. 39 configurable channels.
WIFITPWLK-2	Built-in WI-FI interface. For wireless connection (through access point) to the company computer system.
RF2G4	Built-in 2.4 GHz radiofrequency module. Max. functioning distance in appropriate environmental and installation conditions: 45m indoors, 140m outdoors. Up to 39 configurable channels. (RF2G4 must be combined with another radio module).
RF2G4-1	Built-in 2.4 GHz radiofrequency module. Max. functioning distance in appropriate environmental and installation conditions: 45m indoors, 140m outdoors. Up to 39 configurable channels. (RF2G4 must be combined with another radio module).
ALMEM-1	Alibi memory (fiscal memory, max 120.000 weighs) for approved weight transmission to PC/PLC or data recording on MMC/USB. Built-in real time clock to print the date/time with PCB, screw terminal, plastic box and UL-marked labels. If applicable, it requires FW 05.00.02 or higher. Not compatible with weight repeaters.
Date & Time Option	
DFCLK	Real time clock for printing/displaying of date and time. With UL marked PCB, screw terminal, plastic box and labels (if applicable).
Printers / Labelers	
TPRPR2	Thermal printer integrated to the crane scale, fitted with connection cable and power supply from the instrument.
Weight Repeaters	
DGT100R-1	Weight repeater with 100mm LED display. IP68 stainless steel case, 5-key keypad, air valve for regulating the humidity and the pressure.
DGT60R-1	Weight repeater with 60 mm LED display. IP68 stainless steel case, 5-key keypad, air valve for regulating the humidity and the pressure, and configurable protocol.
DFWXP	5-key indicator. IP65 ABS case, backlit LCD display.

Part #	Description
DFWKPXP	17-key indicator with attached printer and real time clock. ABS case, backlit LCD display.
DFWPM2G4	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with integrated 2.4GHz radio module.
DFWPM2G4-USB	Portable weight repeater for radio frequency communication, with ABS case, 5-key keypad and backlit LCD display. Fitted with integrated Radio module, mini USB port and memory for recording the weighs.
MSTSLV	Program to use the indicator as a repeater. It must be combined with the DFW and DGT weight indicators.
OBRF2G4	External 2.4 GHz radio module, cable l=3m. ABS IP65 protecting box, 3 m cable, power supply from weight indicator. Max. distance, in appropriate environmental and installation conditions: 45 m indoors, 140m outdoors. 39 configurable channels.
Remote Control	
TLRP	Radio frequency remote control and receiver with extension, for installations where other option boards with connection to AMP are required.
Very bright red LED display (only at time of order)	
MCWLBR2	Super-bright 40mm red SMD LED display. For "MCW...R2" models. It includes kit for 24/7 continuous use, consisting of extractable battery and battery charger.
Storing Weighments	
SWM	"WeiMonitor" PC program to monitor and record in real time weighs performed on the connected scale (the price is intended for the license to manage one scale).
Accessories	
CA2	Connection ring 2 t.
CA4	Connection ring 4 t.
Calibration Service (Only at Order)	
CT5	ISO 17025 calibration certificate from 61 to 300 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CT6	ISO 17025 calibration certificate from 301 to 1500 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CD1	ISO 9001 DINI ARGEO calibration report, up to 300 kg, for single scale/platform. ACCREDIA reference weights.
CD2	ISO 9001 DINI ARGEO calibration report, from 301 to 1500 kg, for single scale/platform. ACCREDIA reference weights.
Other Options	
TECSUP	Technical assistance by telephone upon request.
TECMAN	Printed technical manual (Free download from the website).

Part #	Description
UMAN	Printed user manual (Free download from the website).
ECEMDOC	Printed EU declaration of conformity, EU certificate of verification, test certificate and metrological book (free download from our website, only for approved CE-M products). NET €.

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