MCW09 Professional Single Security Crane Scale Series

DINI ARGEO
Scales - Weighing systems

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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
- Extremely bright large red DOT LED 40mm display, which guarantees a perfect visibility of the weight from any angle, also from a long distance with direct sunlight.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:
    - GR6 for MCW09T3

    - GR6 for MCW09T6
    - GR9 for MCW09T9
    - GR12 for MCW09T12
    - GR17 for MCW09T17
    - GR25 for MCW09T25
    - GR35 for MCW09T30
    - GR55 for MCW09T50
- Extremely reduced distance between upper and lower shackles
- Precision: +/- 0,05% on F.S. for 3T to 9T models
- Precision: +/- 0,1% on F.S. for 12T to 50T models
- 5-key waterproof keypad: ZERO, AUTOMATIC TARE, MODE, PRINT, and ON/OFF
- Programmable digital filter, for an excellent weight display in any working condition
- Programmable automatic switch-off function, either through keypad or remote control
- Fitted with radiofrequency 6-key remote control, configurable as simple automatic tare or as a remote keypad
- Configured for an 868MHz radio interface or Wi-Fi, for connection to PC or to a remote terminal and printer
- Rechargeable battery, with an average life of about 30 hours
- Configured for a second optional extractable battery for 24/7 continuous use
- Fitted with 230Vac 50 Hz battery charger. EU, UK, US plugs included as standard
- Programmable digital calibration and Set-Up directly from the keypad or from PC through Dinitools
- Operating temperature range: -10/+40 °C

Stainless steel digital crane scale with IP67 protection against dust and sprays, 40mm DOT LED large display, for maximum visibility from all angles and in any lighting condition, even direct sunlight.
The single security system makes them suitable for lifting and weighing the load.
Sturdy and reliable, usable indoors as well as outdoors. Minimum reduction of the crane's lifting space.
The models with up to 15000 kg capacity are fitted with test certificate obtained with sample weights, for higher capacities the certificate is available on request.

PACKAGING IS INCLUDED IN THE PRICE
For complete protection against scratches and bumps during transportation, the crane scale is shipped inside a sturdy wooden case which is custom made (MCW09T12-1, MCW09T17-1, MCW09T25-1, MCW09T30-1, MCW09T50-1 versions).

MCW09 Specifications

Remote Control Functions
The crane scale is fitted with a radiofrequency remote control which allows to do the Zeroing; the tare; enable / disable functions; printing; switching-off the crane scale.

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

Options (Only At Time Of 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, with the printer or other accessories.
ACCREDIA calibration certificate according to OIML/ASTM standards.

MCW09 Professional Single Security Crane Scale Series Weight

Code	Weight (kg) Without Packaging	Weight (kg) With Packaging
MCW90T3	16	17
MCW90T6	17	18
MCW90T9	21	22
MCW90T12	26	55
MCW90T17	36	74
MCW90T25	55	79
MCW90T30	70	108
MCW90T50	137	161

Available Versions

Code	Max (kg)	d (kg)	M (kg*)	d HR (kg)*
MCW09T3-1	3000	1	1	0,5
MCW09T6-1	6000	2	2	1
MCW09T9-1	9000	5	5	2
MCW09T12-1	12000	5	-	2
MCW09T17-1	17000	10	-	5
MCW09T25-1	25000	10	-	5
MCW09T30-1	30000	20	-	10
MCW09T50-1	50000	20	-	10

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

Parts

Part #	Description
Available Versions	
MCW09T3-1	CE-M approvable crane scale, Max= 3000kg, d = 1kg. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.
MCW09T6-1	CE-M approvable crane scale, Max= 6000kg, d = 2kg. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.
MCW09T9-1	CE-M approvable crane scale, Max= 9000kg, d = 5kg. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.
MCW09T12-2	Crane scale with 12.000 kg capacity, 5 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and LED display. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.
MCW09T17-2	Crane scale with 17.000 kg capacity, 10 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and LED display. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.
MCW09T25-1	Crane scale with 25.000 kg capacity, 10 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and LED display. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.
MCW09T30-1	Crane scale with 30.000 kg capacity, 20 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and LED display. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.
MCW09T50-1	Crane scale with 50.000 kg capacity, 20 kg division, IP67 stainless steel structure. Multifunction weight indicator with 5-key keypad and LED display. Fitted with galvanized shackles and remote control. Maintenance and safety manual included.

Options

Part #	Description
Approval for Sale to Third Parties	
ECEM	Single range 3000e legal for trade approval, for single platform/scale. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibration service. Check to see if DINICAL is in the product options.
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.
MCWKBK50	Kit for continuous use 24/7 for MCW09T50 made up of extractable battery and device for the recharge with status indication, to be used with the supplied charger.
MCWKBKB	Removable battery for MCW09 and MCW Professional. Not compatible with MCW09T50.
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.
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.
DFWXP	5-key indicator. IP65 ABS case, backlit LCD display.
DFWKPXP	17-key indicator with attached printer and real time clock. ABS case, backlit LCD display.
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.
Communication Interfaces	
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).

Part #	Description
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.
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.
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).
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).
Accessories	
GG4	Swivelling bottom hook with safety lock 4 t.
GG7	Swivelling bottom hook with safety lock 7 t.
GG11	Swivelling bottom hook with safety lock 11 t.
GG15	Swivelling bottom hook with safety lock 15 t.
GG22	Swivelling bottom hook with safety lock 22 t.
GG30	Swivelling bottom hook with safety lock 30 t.
GOA11	Fixed hook, MAX 11 t, with safety lock.
GOA16	Fixed hook, MAX 16 t, with safety lock.
GOA22	Max 22t eye hook, with security lock system. Coupling with GR9 and GR12 (with GR6 and GR17 upon request) in MCW09 and MCWN.
GOA30	Max 30t eye hook, with security lock system. Coupling with GR9 and GR12 (with GR6 and GR17 upon request) in MCW09 and MCWN.
CA4	Connection ring 4 t.
CA8	Connection ring 8 t.
CA15	Connection ring 15 t.
CA30	Connection ring 30 t.
CA40	Connection ring 40 t.
Calibration Service (ACCREDIA/DAKKS) Only at Time of Order	

Part #	Description
CT7	ISO 17025 calibration certificate from 1501 to 3000 kg for single scale/platform. For precision balances, industrial and crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CT8	ISO 17025 calibration certificate from 3001 to 6000 kg for single scale/platform. For precision balances, industrial and crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CT9	ISO 17025 calibration certificate (force-measuring) from 6001 to 25000 kg for single balance/platform. The certificate is provided in digital format (pdf) and sent by e-mail.
CT10	ISO 17025 calibration certificate (force-measuring) from 25001 to 35000 kg for single scale/platform. The certificate is provided in digital format (pdf) and sent by e-mail.
CT11	ISO 17025 calibration certificate (force-measuring) from 35001 to 50000 kg for single scale/platform. The certificate is provided in digital format (pdf) and sent by e-mail.
CD3	ISO 9001 DINI ARGEO calibration report, from 1501 to 6000 kg, for single scale/platform. ACCREDIA reference weights.
CD4	ISO 9001 DINI ARGEO calibration report, from 6001 to 15000kg, for single scale/platform. ACCREDIA reference weights.
CD6	ISO 9001 DINI ARGEO calibration report, from 15001 to 50000kg, for single scale/platform. For crane scales. ACCREDIA reference weights.

Other Options

TECSUP	Technical assistance by telephone upon request.
TECMAN	Printed technical manual (Free download from the website).
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 €.