MCWN NINJA: Series Single Security Suspended Crane Scales

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
- Fitted with the following upper and lower shackle:
  - GR3 for MCWNT1
  - GR6 for MCWNT3
  - GR6 for MCWNT6
  - GR9 for MCWNT9
- Compact size and minimum distance between upper and lower shackle
- 25 mm LCD backlit display, easily visible in any lighting condition

- Precision: +/- 0.03% on MAX
- 5-key waterproof keypad: Zero, semi-automatic or preset Tare, Mode, Print, On/Off
- Sturdy case in oven-fire painted steel
- Fitted with infrared remote control for up to 8m distance use. The remote control can be configured by the customer as a single automatic tare or as a remote keypad.
- Power supply:
    - Four AA batteries included as standard with 40-hour runtime, also compatible with rechargeable AA batteries
    - Optional internal rechargeable battery kit
- Digital calibration and programmable Set-Up directly from the keypad or from the PC with Dinitools
- Programmable digital filter and auto switch-off
- Operating temperature: -10 /+40 °C
- RS232 serial port on RJ11 connector for quick programming with Dinitools
- Fitted with protective transport case with dimensions (WxLxH) 175x480x390mm

Easy to use and reliable professional digital crane scales, for weighing in industrial environments, fitted with protective transport case. The single security system makes them suitable for lifting and weighing the load. Thanks to their compact size, these crane scales just slightly reduce the lifting distance of the crane. Available also CE-M APPROVED. Fitted with test certificate obtained with standard weights.

MCWN NINJA Series Specifications

Main Functions

- The user can select the operating modes directly using the dedicated key*:
  - High resolution display x 10
  - Precision weighing with temporary recalibration via a sample weight (for internal factory use)
  - Net/Gross
  - Lb to Kg converter
  - Free conversion factor (for meter and litre counters etc.)
  - Weight totalizer
  - Formulizer
  - +/- controller with quick target and threshold input
  - Percentage weighing
  - Percentage batching with programmable target
  - Piece counter
  - Hold
  - PEAK, detection of weight peaks
  - Newton to Kg converter

  The “alibi memory” and “setpoint” functions are available in combination with the required operating mode and they are activated automatically when installing the relevant optional board;

- Access to the user menu is gained using the dedicated key* to adjust the weighing filter, date and time, setpoint and tare weight, which the user can access by entering a programmable access password.

  ** These quick access keys to the menus can be blocked by configuring a dedicated password.*

Options (only at time of order)

- 2,4 GHz radio interface
- Bluetooth **Interface**

MCWN NINJA Series Single Security Suspended Crane Scales Weight

Code	Weight (kg) Without Packaging	Weight (kg) With Packaging
MCWNT1	8	11
MCWNT3	10	14
MCWNT6	11	15
MCWNT9	15	18

Available Versions

Code	Max (kg)	d (kg)	M (kg*)
MCWNT1-3	300/600/1500	0,1/0,2/0,5	--
MCWNT1M-3 M	1500	--	0,5
MCWNT3-3	600/1500/3000	0,2/0,5/1	--
MCWNT3M-3 M	3000	--	1
MCWNT6-3	1500/3000/6000	0,5/1/2	--
MCWNT6M-3 M	6000	--	2
MCWNT9-3	3000/6000/9500	1/2/5	--
MCWNT9M-3 M	9000	--	5

Parts

Part #	Description

Available Versions

MCWNT1-3	Digital crane scale with 300/600/1500 kg triple range capacity, 0,1/0,2/0,5 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.
MCWNT1M-3	Approved digital crane scale with 1500 kg capacity, 0,5 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.
MCWNT3-3	Digital crane scale with 600/1500/3000 kg triple range capacity, 0,2/0,5/1 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.
MCWNT3M-3	Approved digital crane scale with 3000 kg capacity, 1 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.
MCWNT6-3	Digital crane scale with 1500/3000/6000 kg triple range capacity, 0,5/1/2 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.
MCWNT6M-3	Approved digital crane scale with 6000 kg capacity, 2 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.
MCWNT9-3	Digital crane scale with 3000/6000/9500 kg triple range capacity, 1/2/5 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.
MCWNT9M-3	Approved digital crane scale with 9000 kg capacity, 5 kg division, painted steel structure. Multifunction weight indicator with 5-key keypad and backlit LCD display. Fitted with shackles and remote control. Maintenance and safety manual included.

Options

Part #	Description
Calibration Service (Only at Order)	
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.
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.
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.
Rechargeable Battery (Only at Order)	
NIMHBKR	Rechargeable battery kit with built-in charging circuit. As a replacement for AA battery drawer on MCWN-3 (or later versions) crane scales. Complete with power supply with EU-UK-US socket.
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).
Communication Interfaces	
RF2G4-TTL	Integrated 2.4 GHz radio frequency module, complete of TTL port. Max. functioning distance in appropriate environmental and installation conditions: 45m indoors, 140m outdoors. Up to 39 configurable channels. (RF2G4-TTL 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.
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.
BLTH-3	RS232/Bluetooth Classic 3.0 conversion card complete with AMP cable and integrated antenna.
Weight Repeaters	
GLR100-2G4	Alphanumeric radio repeater with 110 mm multicolour LED display.

Part #	Description
DGT100R-1	Weight repeater with 100mm LED display. IP68 stainless steel case, 5-key keypad, air valve for regulating the humidity and the pressure.
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.
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.

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

GG1T5	Swivelling bottom hook with safety lock 1,5 t.
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.
CA2	Connection ring 2 t.
CA4	Connection ring 4 t.
CA8	Connection ring 8 t.
CA15	Connection ring 15 t.
GOC3200	Fixed hook, MAX 3.2 t, with safety lock.
GOA8	Fixed hook, MAX 8 t, with safety lock.
GOA11	Fixed hook, MAX 11 t, with safety lock.
GOA16	Fixed hook, MAX 16 t, with safety lock.

Other Options

TECSUP	Technical assistance by telephone upon request.
UMAN	Printed user manual (Free download from the website).

Part #	Description
TECMAN	Printed technical 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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