

CW-90X Food Industry Scale



As of: Friday, August 22,
2025



Standard Features

- Designed for food environments
- **NSF certified product** for food environments
- AISI 304 stainless steel construction and indicator (AISI 316 upon request)
- **IP69K** protection rating which allows the scale to be thoroughly sanitized by using high-temperature/high-pressure water jets
- Underplate structure easy to inspect and sanitize, designed to prevent the accumulation of water and dirt residues
- Load plate suitable for use in contact with food; dimensions: see table
- Fully-welded IP69K stainless steel load cell, specific for use in wet environments, OIML approved

- Non-slip feet for environments with strict hygienic requirements
- Fully inspectable and washable column
- Extremely solid, made of very thick stainless steel sheets
- Equipped with 5 overload stops

High-End Weight Indicator

- IP69K-certified weight indicator
- Adjustable tilting
- Special **piezoelectric keypad** extremely easy to clean, designed to last long in the food industry
- Bright red LED display with adjustable contrast to ensure optimal weight display even at low temperatures and in poor light conditions
- Weight control function via integrated traffic light or bargraph to adjust the weight (also external via output)
- Extremely easy to program thanks to the dedicated keys to enter the target weight and control thresholds
- Gore®PreVent® breather vent with GORE-TEX®

CW-90X is a scale designed for use in contact with food and is fully compliant to the hygiene requirements recognized by NSF. Its stainless-steel construction and the IP69K protection rating allow for the complete sanitation of the scale by using high-temperature/high-pressure water jets. The weight indicator offers unique features, such as the no mechanical wear and tear piezoelectric keypad, designed to last over time, even in the harshest environments.

CW-90X Food Industry Scale Specifications

Functions:

+/- weight control with target and programmable thresholds via direct keys
3 available weight control modes:
- "range" mode
- "target" mode
- "target %" mode
Negative weight control for unloading weighing operations
Totalization (via external keys)
50 quick recall memories archive, expandable up to 10000 using the WeighVault PC program.

I/O Section:

RS232 port for connection to PC, PLC or repeater
RS232 port configurable for printer connection
4 Digital I/O (Refer to the manual for more information)
Optional Ethernet port
Optional USB port, for connection to PC

Technical Specifications:

Bright 6-digit 20 mm LED display
No mechanical wear and tear piezo keypad with 11 keys
3 cable glands available, 2 PG7 and 1 PG11
Real time clock as standard
Power supply 230V 8W
Operating temperature:
-10°...+40° approved
-10°...+50° for internal use

Certifications:

OIML
EC Type Approval (EN45501)
NTEP
UL Listed
Measurement Canada Approved
Conforms to the requirements of NSF/ANSI Standard 169

Available upon request:

- Version with AISI 316 construction
- Special size plate
- Special capacities

Available versions

Code	l x w x h (mm)	Max (kg)	d (g)	 (g)*	d HR (g)*
106129	254x254x108	3	1	1	0,5
106130	254x254x108	6	2	2	1
106132	305x305x108	15	5	5	2
106133	305x305x108	30	10	10	5

Parts

Part #	Description
-----------	-------------

{#Available Versions}

106129	CKWGHER, CW90X 254x254 mm 3 kg with 305 mm column 230VAC SST European Version CE and OIML marked with European plug
106130	CKWGHER, CW90X 254x254 mm 6 kg with 305 mm column 230VAC SST European Version CE and OIML marked with European plug
106132	CKWGHER, CW90X 305x305 mm 15 kg with 305 mm column 230VAC SST European Version CE and OIML marked with European plug
106133	CKWGHER, CW90X 305x305 mm 30 kg with 305 mm column 230VAC SST European Version CE and OIML marked with European plug

Options

Part # Description

{#Special Versions}

AISI316 Version with AISI 316 carpentry. Request a quote.

{#Software}

117358 Software Pkg, WeighVault for CW90/90X

{#Traffic Light for Remote Control}

TLI Stainless steel traffic light for remote weight control.

{#Approval for Sale to Third Parties}

ECEM 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)}

THR High Resolution (HR) model.

{#Calibration Service (ACCREDIA/DAKKS) Only at Time of Order}

CT3 ISO 17025 calibration certificate up to 5 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.

CT4 ISO 17025 calibration certificate from 6 to 60 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.

{#International Power Cables}

190935 Version with BS1363 power cable (UK plug).

{#Ethernet Port - Options}

200578 Ethernet TCP/IP for CW90X. Includes cable with cable grip.

206272 Wireless LAN Card WiFi 802.11 A/B.

{#USB Device Port - Options}

93245 Ind Opt,USB Port for PC Connection, includes 1 meter Type A to mini-B cable

{#Printers / Labelers}

OBTPRB Table thermal printer. For weight indicator, with IP40 ABS case, 1,5 m connection cable and internal power supply. Thermal paper roll included as standard.

**Dini Argeo S.r.l. | Via della Fisica, 20 - 41042, Spezzano di Fiorano, Modena (MO), Italy | Tel.:
+39 0536 843418**

www.diniargeo.com
