

**COVENTRY
SCALE
COMPANY**



DFWK-HGX

DFWK HYGIENX: New Multifunctional Weight Indicator for Industrial Industries with High Hygiene Requirements



The DFWK HYGIENX Weight Indicator features a robust AISI 316L stainless steel casing and IP68 and IP69K protection ratings, which ensure fast and deep sanitization with high-temperature and high-pressure water jets.

In the chemical industry, as in the pharmaceutical and food industries, it is necessary to ensure thorough cleaning and exclude any risk of chemical, physical or bacterial contamination.

Weight indicator with internal rechargeable battery. CE-M approved (OIML R-76 / EN 45501).

**The best solution
for advanced industrial
applications**

MAIN FEATURES

- Waterproof 17-key numeric-functional keypad
- Backlit 25 mm LCD display with 6 high-contrast digits, with icons for indicating active functions
- AISI 316L stainless steel enclosure
- IP68 and IP69K certification against water, dust and high-pressure hot water jets
- Dimensions: 280x143x185 mm
- 24 bit A/D converter, 4 channels max. 200 conv./sec. Autoselect and up to 8 signal linearization points
- Max 10,000e or multi-field 3 x 3000e @ 0.3 μ V/e in CE-M approved version for legal for trade systems
- Max 1,000,000 displayable divisions for internal factory use with internal resolution up to 3,000,000 points
- Connection to max. 8 load cells with 350 Ohm input resistance or max. 16 cells with 700 Ohm input resistance
- Digital calibration and set-up from keyboard or PC with DINITOOLS
- Internal rechargeable battery with autonomy of about 40 hours
- 110-240 Vac power supply via 1.5 m cable with Shuko plug

I/O SECTION

- Bi-directional RS232/C port configurable for connection to remote printer/labeler
- Bi-directional RS232/C (optional RS485) port configurable for PC, PLC, additional remote display or radio modem

MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- OIML R76
- Australian legal for trade certificate of approval (NMI S788)
- IP68 and IP69K protection rating

FUNCTIONS AVAILABLE FROM REMOTE CONTROL

- 6-key radio frequency remote control:
zero; tare; enable/disable function; print; shutdown.

FUNCTIONS

- Operation modes selectable directly by the user, via dedicated key*:
- High-resolution display x 10
- Precision weighing with temporary recalibration by sample weight (for internal factory use)
- Net/Gross
- lb/kg conversion
- Free conversion factor (for meter-counting systems, liter counters etc.)
- Weights totalization
- Formulation
- +/- control, with rapid target and threshold entry
- Percentage weighing
- Percentage dosing with programmable target
- Piece counting
- Hold
- Two-speed filling/dosing with zeroing at start (with optional DFIO).

The "alibi memory" and "setpoint" functions are available in combination with the desired mode of operation and are automatically activated when the corresponding optional board is installed; thus, for example, totalizing, saving each alibi memory weighing, and activating relay outputs are possible.

- **These quick menu access keys can be inhibited by configuring a dedicated password.*

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