

HYGIENX

Hygienic
Weighing Solutions



HYGIENX

Scales

Dini Argeo's HYGIENX scales are designed to meet the requirements of a variety of hygienic environments including food production, pharmaceuticals, cosmetics, chemicals and more.

Constructed of stainless steel with continuous welds, HYGIENX scales withstand high-pressure, high-temperature washdowns necessary in sanitary facilities. The construction eliminates hidden pockets where water or material could collect, reducing the risk of bacterial growth. A polished steel surface allows cleaning agents and water to drain away from HYGIENX scales after washdown procedures.



PLATFORM SCALE

TE-HXG



INSTRUMENTATION

3590EGT-HGX
DFWK-HGX



PALLET TRUCK

TPWI-HXG



TE HYGIENX

Hygienic Bench Scale

The open construction of the TE HYGIENX allows for thorough equipment inspections and it is HCV-EU certified for use in food production and available in capacities up to 60 kilograms. The TE HYGIENX has a hermetically sealed, IP69K load cell and adjustable Polyurethane feet that resist bacteria growth and are designed to eliminate exposed threads while providing a sturdy support for the scale.

The TE HYGIENX can be paired with HYGIENX weight indicators and used for counting, batching, checkweighing and general weighing operations in hygienic production environments.



OPTIONAL ACCESSORIES

Column for Dini Argeo weight indicator
Choice of instrumentation
3590EGT HYGIENX or DFWK HYGIENX

CERTIFICATIONS



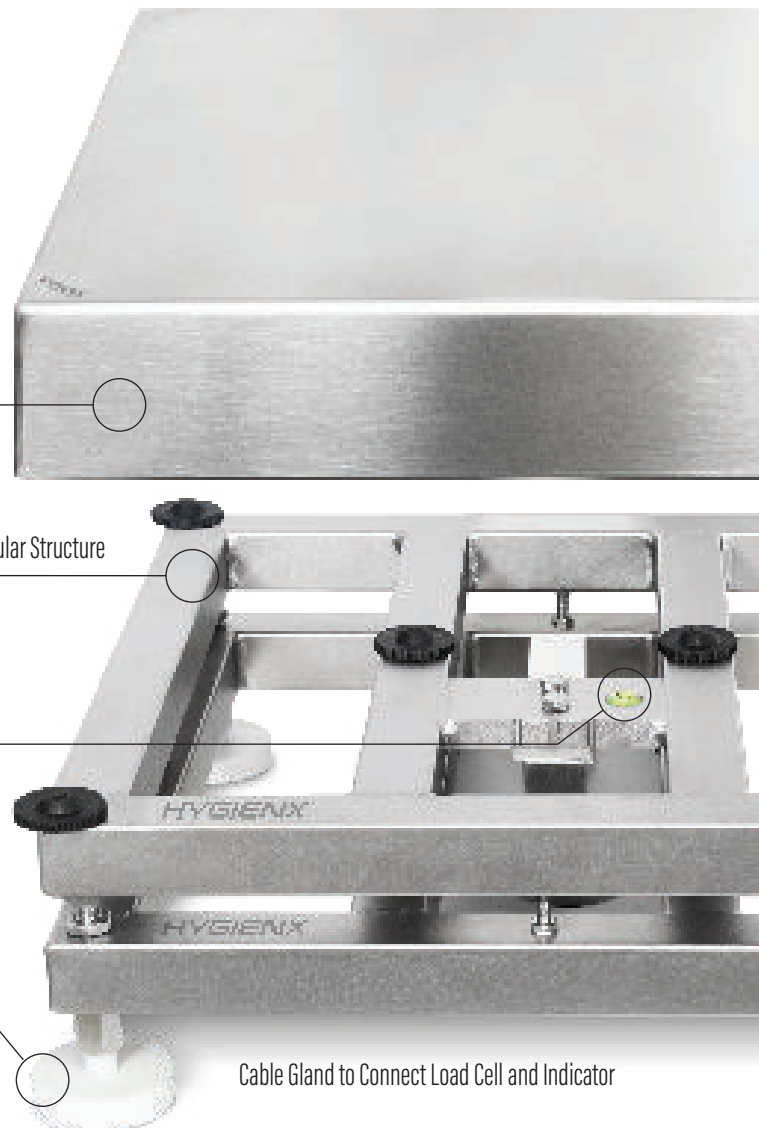
Stainless Steel Top Plate

Continuous Welding and Tubular Structure

Integrated Bubble Level

Non-slip Feet

Cable Gland to Connect Load Cell and Indicator





Hygienic Weight Indicators



3590EGT HYGIENX

Stainless steel touch screen weigh indicator for environments with high hygiene requirements

The 3590EGT HYGIENX is a digital weight indicator with a 5.7-inch color touchscreen display. It can be used for totalization, formula weighing, counting, checking prepackaged goods, labeling and dosage systems in loading and unloading. Custom programs can also be created for unique applications.



DFWK HYGIENX

Weight indicator with LCD backlit display, 17-key display and internal rechargeable battery

The DFWK HYGIENX digital weight indicator has an LCD backlit display with 17 keys and an internal rechargeable battery. It can be used for totalization, formula weighing, percentage weighing and posing, counting and two-speed filling or dosing.



Hygienic Pallet Truck Scale

The TPWI HYGIENX is a stainless steel pallet truck scale specifically designed for environments with extreme hygienic requirements.

Designed for a complete sanitation with high-pressure, high-temperature water jets, the TPWI HYGIENX has four hermetically sealed IP69K stainless steel load cells. The included DFW Series weight indicator has a large, high-contrast display that provides clear weight readings even in low-light conditions.

DFWK HYGIENX STANDARD INSTRUMENTATION

Built-in Rechargeable Battery
IP69K Stainless Steel Indicator Enclosure
High-contrast, 25-mm LCD Display



CERTIFICATIONS

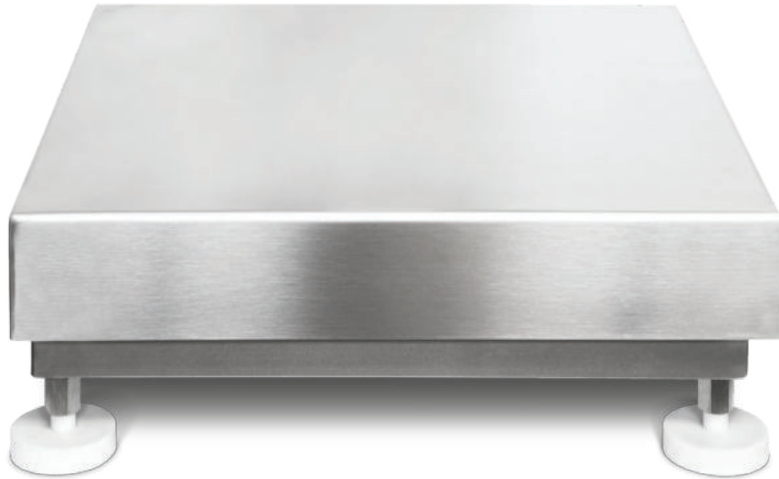


Removable Fork Covers for Cleaning

Electropolished Surface Finish



TE HYGIENX



STANDARD FEATURES

- Designed to withstand high-pressure hot water cleaning procedures
- HCV-EU certified loading surface for use in direct food contact
- Meets HACCP hygienic design requirements
- Load cell connects directly to indicator with cable gland
- Removable cover and seals for complete cleaning and inspection
- Integrated bubble level
- Non-slip feet for wet environments

OPTIONS

- Column for weight indicator designed with support foot and ergonomic carrying handle
- Raising frames made of AISI 304 stainless steel
- AISI 304 stainless steel trolley for mobile weighing
- Dini Argeo indicators with AISI 316L stainless steel, IP69K enclosures

SPECIFICATIONS

STRUCTURE:	AISI 316L Micro-shotblasted finish Continuous welds Removable cover for cleaning and inspection
LOAD CELL:	IP68/IP69K rated OIML R60 approved Stainless steel Hermetically sealed
OVERLOAD PROTECTION:	Five-point limit switches
SENSITIVITY:	2mV/V +/- 10%
MAXIMUM POWER:	15 VDC
CABLE LENGTH:	3 m, shielded (reduced to 1m when used with column)
TEMPERATURE RANGE:	
WARRANTY:	
APPROVALS:	HACCP HCV-EU

AVAILABLE VERSIONS

Code	l x w x h	Max	d (g)	M (g)	M 2R (g)	d HR (g)
TSE3-HGX	230 X 330 X 90	3	0,5	1		0,2
TSE6-HGX	230 X 330 X 90	6	1	2	1-2	0,5
TSE15-HGX	230 X 330 X 90	15	2	5	2-5	1
TTE6-HGX	330 X 330 X 90	6	1	2	1-2	0,5
TTE15-HGX	330 X 330 X 90	15	2	5	2-5	1
TTE30-HGX	330 X 330 X 90	30	5	10	5-10	2
TQE15-HGX	400 X 400 X 115	15	2	5		1
TQE30-HGX	400 X 400 X 115	30	5	10	5-10	2
TQE60-HGX	400 X 400 X 115	60	10	20	10-20	5
TME30-HGX	400 X 500 X 115	30	5	10	5-10	2
TME60-HGX	400 X 500 X 115	60	10	20	10-20	5

TPWI HYGIENX



STANDARD FEATURES

- Designed to withstand high-pressure hot water cleaning procedures
- No junction box, load cells are easily adjusted through the keypad
- Removable fork covers for easy inspection
- Nylon steering wheels and double loading rollers with polyurethane coating.
- Battery charging socket with double protection against water and humidity
- Tested and certified to guarantee the listed precision
- Dedicated key operating modes:
 - High resolution display x 10
 - Precision weighing with temporary recalibration using a sample weight (internal use)
 - Net/gross
 - Lb/kg conversion
 - Free conversion factor for liter-metering systems
 - Weight totalization
 - Formulation
 - +/- control with quick target and threshold entry
 - Percentage weighing
 - Percentage dosage with programmable target
 - Piece counting
 - Hold
- Alibi memory (optional)
- User menu access with dedicated key for weighing filter, date and time, setpoint and user-accessible tare
- Menu access and dedicated keys can be password protected
- Custom capacity and resolutions available upon request

SPECIFICATIONS

PROTECTION:	IP69K
CAPACITY:	2.000 kg 3.000 kg by request
DIVISION:	Internal: 0,2/0,5 kg Approved: 0,5 x 1 kg
PRECISION:	Internal: + - 0,5 kg Approved: CE certification
POWER:	Rechargeable battery Up to 100 hours battery life 230 VAC 50Hz battery charger with EU, UK, US, AU plug
STRUCTURE:	Weight: 135 kg Shot peening finish Steel: AISI 304 AISI 316L by request Four, IP69K certified stainless steel load cells Lift Pump: AISI304
FORK DIMENSIONS:	Forks: 1180 x 550 x 58 mm Low Fork Profile: 85 mm Lifting height: 205 mm
INSTRUMENTATION:	Enclosure: IP69K Display: 25 mm LCD Keys/Buttons: waterproof membrane, 17 numeric/functional keys Configurable RS232/C bidirectional port for printer, PC, radio module, WIFI or handheld terminal
OPERATING TEMPERATURE:	-10 +40

AVAILABLE VERSIONS

Code	Description
TPWI-HGX	Stainless steel pallet truck scale, fully washable and subitizable, with 1000/2000 kg double range capacity 0,2/0,5 kg division
TPWIM-HGX	Approved stainless steel pallet truck scale, fully washable and subitizable, with 1000/2000 kg dual range capacity 0,5/1,0 kg division

3590 HYGIENX



3590 HYGIENX

- Standard Features
- AISI 316L stainless steel enclosure
- IP68/IP69K rated against water, dust, and high-pressure hot water cleaning
- Touchscreen, backlit graphic display
- Touchscreen keyboard
- Alphanumeric keypad with 15 keys
- Multilanguage software
- 3-light status indicator – red, green, yellow
- Connectable to printers and labelers
- Calendar, clock and permanent data memory
- Alibi memory is standard
- Functions available with DiniTools:
 - Configuration data entry and print formatting
 - Storage and archiving of all information on PC
 - Complete configuration back-up
 - Customization of displays

OPTIONS

- Internal micro SD slot
- 4 optoisolated outputs
- 2 optoisolated inputs

SPECIFICATIONS

DIMENSIONS:	280 x 143 x 185 mm
DISPLAY DIMENSIONS:	120 x 90 mm
DISPLAY	Touchscreen, backlit Soft keyboard – QWERTY, AZERTY or QWERTZ selectable Waterproof alphanumeric keyboard with 15 keys
POWER	110-240 VAC power supply with 1.5 m cable with Shuko plug Internal rechargeable battery
BATTERY LIFE:	40 hours
RESOLUTION:	24 bit A/D with internal resolution of 3,000,000 Legal for Trade: Max 10,000e Display Resolution: Max 1,000,000 displayable divisions
ANALOG SIGNAL SENSITIVITY	0.3 uV/e in CE-M approved version
EXCITATION VOLTAGE:	Max 8 load cells with 350 Ohm input resistance Max 16 load cells with 700 Ohm input resistance
A/D	Up to 4 A/D channels
A/D SAMPLE RATE	3200 Hz
COMMUNICATION PORTS:	2 RS232 serial ports for connection to printer, PC, PLC, radio remote and optional interfaces 1 RS232 series port (RS485 optional) for connection to repeater, remote scale, badge reader or digital load cells
APPROVALS:	EU Type Examination Certificate (45501:2015) OIML R76 OIML R51-MID Australian Legal for Trade certificate of approval (NMI S788) CE-M
RATINGS:	IP68 IP69K

DFW HYGIENX



STANDARD FEATURES

- AISI 316L stainless steel enclosure
- Numeric keypad with 17 keys
- High resolution display
- IP68/IP69K rated against water, dust, and high-pressure hot water cleaning
- Internal rechargeable battery
- Digital calibration and set-up from keyboard or PC
- Operation modes selectable with dedicated key (key may be password protected)
- Functions:
 - Precision weighing with temporary recalibration by sample weight (internal factory use only)
 - Net/gross
 - Lb/kg conversion
 - Free conversion factor for meter counting systems, liter counters
 - Weight 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 DF10
- Alibi memory and set-point functions are available in combination with the chosen mode of operation and automatically activated when the corresponding optional board is installed.

OPTIONS

- 6-key radio frequency remote control- zero, tare, enable/disable function, print, shutdown

SPECIFICATIONS

DIMENSIONS	280 x 143 x 185 mm
DISPLAY	Backlit LCD 6 high contrast digits Icons for active functions
POWER	110-240 VAC power supply with 1.5 m cable with Shuko plug Internal rechargeable battery
BATTERY LIFE:	40 hours
RESOLUTION:	24 bit A/D with internal resolution of 3,000,000
LEGAL FOR TRADE:	Max 10,000e
DISPLAY RESOLUTION:	Max 1,000,000 displayable divisions
ANALOG SIGNAL SENSITIVITY:	0.3 uV/e in CE-M approved version
EXCITATION VOLTAGE:	Max 8 load cells with 350 Ohm input resistance Max 16 load cells with 700 Ohm input resistance
A/D:	Up to 4 A/D channels
A/D SAMPLE RATE:	200 Hz
COMMUNICATION PORTS:	Bi-directional RS232/C port configurable for connection to remote printer/labeler Bi-directional RS232 (optional ES485) port configurable to PC, PLC, Additional remote display or radio modem
APPROVALS:	EU Type Examination Certificate (45501:2015) OIML R76 CE-M
RATINGS:	IP68 IP69K

“ Your Worldwide Partner For Weighing ”

Dini Argeo is part of the Rice Lake Weighing Systems group and has been providing reliable weighing solutions since 1846. We offer a wide range of measurement solutions for every industry including overhead weighing, in-motion weighing, dimensioning and more.



A RICE LAKE WEIGHING SYSTEMS COMPANY

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