

TE HYGIENX® Series Single Cell Platforms



Standard Features

- An HCV-EU certified product for food environments compliant with the hygiene requirements of the HACCP standards.
- **IP68/IP69K rating**, suitable for use in humid environments and for complete scale sanitisation using high-temperature and high-pressure water jets.
- **AISI 316 stainless steel** structure designed to be opened for inspection with removable seals for easy sanitisation. Designed to prevent the accumulation of water and dirt residues.
- Integrated bubble level.
- Five limit switches for overload protection.
- Non-slip feet for environments with high hygienic requirements, ideal for use on stainless steel counters even in the presence of water.

AISI 316 Stainless Steel. Load cell in **Stainless Steel**. **IP68** and **IP69K** protection rating.

Precision class C3, C3MR, C3MI, **C6, C6MR**.

The TE HYGIENX platform is designed for use in wet environments and where very high HACCP-compliant standards are required. Made entirely of **AISI 316 stainless steel** in Italy, the platform is entirely washable to prevent the build-up of bacteria in the most critical spots. The **IP68 and IP69K** rated load cell means that the entire scale can be sanitised with high-temperature and high-pressure jets of water.

Ideal for food, chemical, pharmaceutical and cosmetics industries.

Specifications

Technical Features Tubular structure, mechanical parts, small parts and loading surface made of AISI 316 stainless steel. Platform with continuous welding throughout. Hermetically sealed stainless steel load cell with IP68/IP69K rating, suitable for use in wet environments. OIML R60 approved C6 class, with a 3-metre-long shielded cable. Note: The cable length is reduced to just 1 meter in combination with TCBI500-HGX column. Direct connection of the load cell to the weight indicator, without connectors using a cable gland. Sensitivity: 2mV/V +/- 10%. Max. power supply: 15 Vdc. Surface finish for food environments. HCV laser marking for product identification. HCV-EU certified loading surface for use in direct contact with food. GMP-compliant product This product is a weighing instrument of high quality and precision, designed and manufactured for use in the food, chemical and pharmaceutical industries. It is manufactured according to GMP (Good Manufacturing Practices) standards , in stainless steel, with specific surface treatment and other construction features required in food, chemical and pharmaceutical environments.	Main Options Optional column for Dini Argeo weight indicator, for integrated installation. Structure designed for easy cleaning, with comfortable support foot and ergonomic carrying handle. Shorter cell cable reduced from 3 meters to 1 meters. Raising frames made of AISI 304 stainless steel. AISI 304 stainless steel trolleys for mobile weighing stations. Weight indicators made of AISI 316 stainless steel with IP69K rating. Please note: If the platform is combined with weight indicator, installation by trained personnel is required. The system is not shipped ready to use	Multi Interval Version "-MI" The T and TE series scales are available range approved version, the best combination of accuracy and ease of use for a class C3 approved version. Compared to the more common multi-range type approval, the multi-interval type approval offers a higher measurement resolution, which automatically adjusts to the weight being measured NOTE: Multi-interval models are distinguished by the "MI" abbreviation and must be paired with series Dini Argeo indicator, DiniCal calibre ECEM2MI approval service.
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Available Versions

Code	l x w x h (mm)	Max (kg)	d (g)	MI (g)*	d HR (g)*
<u>TSE3-HGX</u>	230x330x90	3	0,5	See table below	0,2
<u>TSE3-HGX-MI</u>	230x330x90	3	--	0,5/1 (Multi interval)	--
<u>TSE6-HGX</u>	230x330x90	6	1	See table below	0,5
<u>TSE6-HGX-MI</u>	230x330x90	6	--	1/2 (Multi interval)	--
<u>TSE12-HGX-MI</u>	230x330x90	12	--	2/5 (Multi interval)	--
<u>TSE15-HGX</u>	230x330x90	15	2	See table below	1
<u>TTE6-HGX</u>	330x330x90	6	1	See table below	0,5
<u>TTE6-HGX-MI</u>	330x330x90	6	--	1/2 (Multi interval)	--
<u>TTE12-HGX-MI</u>	330x330x90	12	--	2/5 (Multi interval)	--
<u>TTE15-HGX</u>	330x330x90	15	2	See table below	1
<u>TTE30-HGX</u>	330x330x90	30	5	See table below	2
<u>TTE30-HGX-MI</u>	330x330x90	30	--	5/10 (Multi interval)	--
<u>TQE12-HGX-MI</u>	400x400x115	12	--	2/5 (Multi interval)	--
<u>TQE15-HGX</u>	400x400x115	15	2	See table below	1
<u>TQE30-HGX</u>	400x400x115	30	5	See table below	2
<u>TQE30-HGX-MI</u>	400x400x115	30	--	5/10 (Multi interval)	--
<u>TQE60-HGX</u>	400x400x115	60	10	See table below	5
<u>TQE60-HGX-MI</u>	400x400x115	60	--	10/20 (Multi interval)	--
<u>TME30-HGX</u>	400x500x115	30	5	See table below	2
<u>TME30-HGX-MI</u>	400x500x115	30	--	5/10 (Multi interval)	--
<u>TME60-HGX</u>	400x500x115	60	10	See table below	5
<u>TME60-HGX-MI</u>	400x500x115	60	--	10/20 (Multi interval)	--

(*) Divisions obtainable only with the relative options, in combination with Dini Argeo weight indicator.

Multi-interval Versions

	C3						C6		
	ECEM 3000e		ECEM2 3000+3000e		ECEM2 MI 2x3000e		ECEM-C6 6000e		6
	Max (kg)	e (g)	Max (kg)	e (g)	Max (kg)	e (g)	Max (kg)	e (g)	Max (l)
TSE 230x330x90mm	3	1	1,5/3	0,5/1	3	0,5/1	3	0,5	--
	6	2	3/6	1/2					
	--	--	--	--	12	2/5	--	--	--
	15	5	6/15	2/5	--	--	12	2	6/12
TTE 330x330x90mm									
	6	2	3/6	1/2	6	1/2	6	1	3/6
	--	--	--	--	12	2/5	--	--	--
	15	5	6/15	2/5	--	--	12	2	6/12
	30	10	15/30	5/10	30	5/10	30	5	12/30
TQE 400x400x115mm	--	--	--	--	12	2/5	--	--	--
	15	5	6/15	2/5	--	--	12	2	6/12
	30	10	15/30	5/10	30	5/10	30	5	12/30
	60	20	30/60	10/20	60	10/20	60	10	30/60
TME 400x500x115mm	30	10	15/30	5/10	30	5/10	30	5	12/30
	60	20	30/60	10/20	60	10/20	60	10	30/60

Part #	Description
{#Available Versions}	
TSE3-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=3kg, d=0,5g, 230x330mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TSE3-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=3kg, e=0.5/1g, 230x330mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TSE6-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=6kg, d=1g, 230x330mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TSE6-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=6kg, e=1/2g, 230x330mm loading surface. Stainless steel load cell in class C6. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TSE12-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=12kg, e=2/5g, 230x330mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TSE15-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=15kg, d=2g, 230x330mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TTE6-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=6kg, d=1g, 330x330mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TTE6-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=6kg, e=1/2g, 330x330mm loading surface. Stainless steel load cell in class C6. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TTE12-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=12kg, e=2/5g, 330x330mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TTE15-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=15kg, d=2g, 330x330mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TTE30-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=30kg, d=5g, 330x330mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TTE30-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=30kg, e=5/10g, 330x330mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TQE12-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=12kg, e=2/5g, 400x400mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TQE15-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=15kg, d=2g, 400x400mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TQE30-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=30kg, d=5g, 400x400mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TQE30-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=30kg, e=5/10g, 400x400mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TQE60-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=60kg, d=10g, 400x400mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TQE60-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=60kg, e=10/20g, 400x400mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TME30-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=30kg, d=5g, 400x500mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration
TME30-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=30kg, e=5/10g, 400x500mm loading surface. Stainless steel load cell in class C6. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.
TME60-HGX	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, Max=60kg, d=10g, 400x500mm loading surface. 3m shielded cable. Stainless steel load cell in class C6. Optional calibration services.
TME60-HGX-MI	Platform HYGIENX made of AISI316 stainless steel, IP68/IP69K, multi interval approved, Max=60kg, e=10/20g, 400x500mm loading surface. Stainless steel load cell in C6 class. 3m shielded cable. Can be combined with DINICAL or DINICAL-DRC and ECEM2MI service.

Options

Part #	Description
{#Calibration service with weight indicator}	
DINICAL-DRC	Direct connection (without connectors) from platform to indicator and calibration service. € NET.NOTE(1): delivered platform not connected: connection of the platform to the weight indi site by qualified personnel.
THR	High Resolution (HR) model.
{#Legal for Trade Approval (only at time of order)}	
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
ECEM2	Multi-range 3000+3000e legal for trade approval, for single platform/scale. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibration service. Chec the product options.
ECEM2MI	Multi-interval 2x3000e legal for trade approval, for single platform/scale in xxx-MI version. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibrator DINICAL is in the product options.
ECEM-C6	6000e 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
ECEM2-C6	Multi-range 6000+6000e legal for trade approval, for single platform/scale. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibration service. Chec the product options.
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 €.
{#Dini Argeo weight indicator in AISI 316, with IP69K protection}	
DFWK-HGX	17-key indicator specifically for environments with high hygiene requirements. AISI 316 stainless steel housing, IP68/IP69K rating, backlit LCD display and internal rechargeable battery.
3590EGT-HGX	5.7" colour touchscreen indicator with AF01 program, specifically for environments with high hygiene requirements. Casing made of AISI 316 stainless steel with IP68/IP69K rating.
{#Columns, supports brackets, visors}	
TCBI500-HGX	AISI 316 stainless steel column h=500mm, for integrated installation with DFWK-HGX and 3590EGT-HGX indicators. Easy-to-clean construction with a fifth support foot for greater stabili Note: The length of the cell cable is reduced to 1 metre.
{#Carts for mobile weighing applications}	
TB60I-1	AISI 304 stainless steel cart, with low table top, for 400x400 or 400x500mm platform. Height of the loading surface: 235mm. Only for T/TE, T C6, TE C6 and TE-69K series platforms.
TA60I-1	AISI 304 stainless steel trolley, with high table top, for 400x400 or 400x500mm platform. Height of loading surface: 670mm. Only for T/TE, T C6, TE C6 and TE-69K series platforms.
TPBEI	Stainless steel plate AISI 304 for scale or labeller support for TA or TB carts. It can only be ordered in combination with TA and TB series carts.
{#Raising frame}	
SGAQI-1	Stainless steel AISI 304 frame for 400x400mm platform. Loading surface h=600mm.
{#Calibration service with Dini Argeo weight indicator (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 €
{#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 €.