



IS weighing platforms
High-resolution
from 0.001 g to 300 kg

Convincing quality standards

Networkable

All weighing platforms can be connected to Sartorius isi display and operator terminals, to Combics, to PLCs or PCs. The standard RS-485 interface is X-bus compatible. An RS-232C interface is optionally available. Power requirements range from 10.6 V DC to 30 V DC.

Built-in isoTEST function

At the touch of the unique isoTEST key, the IS platform calibrates and adjusts itself automatically using a built-in calibration weight.

Your advantages:

No more pain with having to handle heavy, external test weights; and you won't have to spend time and money on purchasing and upkeep expensive test weights.

This function assures ISO-compliant manufacturing operations by recording and documenting calibration and adjustment procedures.

Plus, this function helps you control the accuracy of your inspection, measuring and test equipment, without any extra effort or cost.

High resolution

High internal resolution guarantees reliable weight readouts.

Your advantages:

The weighing data that you transmit to quality management and control systems has greater accuracy.

Reference weights are precisely determined, e.g., in counting applications.

Verifiable for use in legal metrology

All IS weighing platforms are verifiable as class $\text{\textcircled{II}}$ weighing instruments for use in legal metrology.

Your advantage:

You can use the IS scale in legal metrology within the EU without going through the red tape.

High manufacturing quality

All Sartorius scales are manufactured in compliance with ISO 9001 and feature advanced, high-performance technology and premium-grade materials.

Your advantages:

Low maintenance
Long service life
Reliable weighing data over the long term

Fast weighing results

Enhanced technology allows fast weighing even under tough environmental conditions.

Your advantages:

You can be productive at a fast pace while obtaining reliable, "rock-steady" weighing data.

Stainless steel load plate

All scales come standard with a stainless steel load plate (wrap-around design optional). High IP rating for ideal protection.

Your advantages:

Rugged
Easy to clean

Weighing capacity	Readability	Verification scale interval	Class	Minimum capacity acc. to 90/384 EEC	Platform W × D × H	Order no.
kg	g	g		g	mm	
Models not verifiable for use in legal metrology:						
16	0.1	–	–	–	400 × 300 × 120	IS16EDE-H
34	0.1	–	–	–	400 × 300 × 120	IS34EDE-H
64	0.1	–	–	–	400 × 300 × 120	IS64EDE-H
64	1	–	–	–	400 × 300 × 120	IS64EDE-S
150	1	–	–	–	800 × 600 × 117	IS150IGG-H
300	2	–	–	–	800 × 600 × 117	IS300IGG-H
Models verifiable for legal metrology:						
0.62	0.001	0.01	$\text{\textcircled{II}}$	0.02	240 × 294 × 148	IS06BBE-S0CE
2.2	0.01	0.1	$\text{\textcircled{II}}$	0.5	240 × 294 × 86	IS2CCE-S0CE
6.2	0.01	0.1	$\text{\textcircled{II}}$	0.5	240 × 294 × 86	IS6CCE-H0CE
6.2	0.1	1	$\text{\textcircled{II}}$	5	240 × 294 × 86	IS6CCE-S0CE*
12	0.1	1	$\text{\textcircled{II}}$	5	240 × 294 × 86	IS12CCE-S0CE*
12	0.5	0.5	$\text{\textcircled{II}}$	25	240 × 294 × 86	IS12CCE-I0CE*
16	0.1	1	$\text{\textcircled{II}}$	5	400 × 300 × 120	IS16EDE-H0CE
34	0.1	1	$\text{\textcircled{II}}$	5	400 × 300 × 120	IS34EDE-H0CE
64	1	10	$\text{\textcircled{II}}$	50	400 × 300 × 120	IS64EDE-H0CE
64	1	10	$\text{\textcircled{II}}$	50	560 × 450 × 95	IS64FEG-S0CE
150	1	10	$\text{\textcircled{II}}$	50	800 × 600 × 117	IS150IGG-H0CE
300	20	20	$\text{\textcircled{II}}$	1,000	800 × 600 × 117	IS300IGG-H0CE

* wrap-around design optionally available (see "Accessories")

IS150IGG... and IS300IGG... together with CIS2 or CIS3 (Combics indicators) are also suitable for use in Zones 2 and 22 (ATEX).

Information about other models with a capacity of up to 3,000 kg available on request.

Accessories

	Order no.									
Interfaces										
Data interface with 3 m (~10 ft.) cable (IP67, RS-485) and round connector, electrically isolated, for EDE models	YD059IS									
Data interface with 3 m (~10 ft.) cable (IP67, RS-485) and round connector, electrically isolated, for FEG or IGG models	YD051IS									
Data interface with 3 m (~10 ft.) cable (IP67, RS-232C RS-423) and round connector for FEG or IGG models	YD052IS									
Data interface with 3 m (~10 ft.) cable (IP67, RS-232C) and round connector, for EDE models	YD058IS									
Data interface (IP65, RS-232C), 12-pin round connector, for models with a weighing capacity of less than or equal to 12 kg	YD054IS									
Cables and connectors										
Extension cable, 12-pin round male connector 12-contact round female connector (IP65, 6 m)	YCC01-01ISM6									
Adapter cable, from round female connector to PC, 25-pin D-Submini, 0.2 m long (YD052IS YD054IS YD058IS required)	YCC01-0017D2									
Adapter cable, from 25-pin D-Submini to 9-contact D-Submini, 0.25 m long; (YD052IS YD054IS YD058IS and YCC01-0017D2 required)	6965619									
Round female connector, 12-contact (IP65), for configuring existing cable	69QC0011									
Round male connector, 12-pin (IP65), for configuring existing cable	69QC0010									
Customized cables and accessories available from our Fast Factory	contact your local Sartorius office or dealer									
Power supplies										
External rechargeable battery pack (YAS03IS required)	YRB06Z									
IP65 AC adapter, 3-m primary cable, 1.5-m secondary cable (YAS03IS required)	<table border="0"> <tr> <td>EU</td> <td>230 V</td> <td>6971899</td> </tr> <tr> <td>UK</td> <td>230 V</td> <td>6971889</td> </tr> <tr> <td>USA</td> <td>120 V</td> <td>6971500</td> </tr> </table>	EU	230 V	6971899	UK	230 V	6971889	USA	120 V	6971500
EU	230 V	6971899								
UK	230 V	6971889								
USA	120 V	6971500								
Upgrade kit for DC power supply to the weighing platform (without using an external AC adapter or power supply), IP67 cable gland (to be installed by an authorized service technician only)	YAS03IS									
Mechanical accessories										
Pit frame (painted) for platform dimensions 800 × 600 mm	YEG04IP									
Pit frame (stainless steel) for platform dimensions 800 × 600 mm	YEG01IP									
Installation kit (stainless steel) for pit frames (required for installation of YEG01IP und YEG04IP)	YAS04IS									
Roller conveyor, aluminum for EDE models (6.5 kg own weight)	YRC01EDA									
Roller conveyor, stainless steel for EDE models (6.5 kg own weight)	YRC01EDS									
Roller conveyor for FEG models (7.1 kg own weight)	YRT01F-0001									
Roller conveyor, galvanized steel – for IGG models (22 kg own weight)	YRC01IGP									
Roller conveyor, stainless steel – for IGG models (22 kg own weight)	YRC01IGS									
Drive-on ramp for IGG models (1,250 × 600 mm steel with painted finish), incl. installation kit	YAR10IS									
Wrap-around load plate for models IS6CCE-S0CE, IS12CCE-S0CE, IS12CCE-IOCE	YLP01									

	Order No.
Software	
Sartorius WinScale Scale driver software for Windows® 95 98 2000 NT. Displays the scale readout on your PC monitor and provides secure memory for storing data that is subject to legal control (RS-232C connecting cable YCC01-0017D2 required, RS-485 cable available on request)	YSW03
SartoConnect PC program set (for reading weights into a PC that runs under Windows® 95 98 NT and for direct processing in application programs, such as Excel, Access, ...) incl. connecting cable (1.5 m) between scale & PC (12 9-pin)	YSC01I
Important: SartoConnect can only be connected to IS platforms by a special adapter, (must be installed by our Fast Factory; please contact your local Sartorius representative or dealer)	available on request
Free SartoConnect demo software applications in Excel for the following: density, statistics, sieve analysis and differential weighing	(download from the Internet or ask your sales partner)
Customer specific software applications (in Excel, Access, ...) for SartoConnect e.g., statistics, density, ...	available on request
Software applications in Excel for SartoConnect for the application Density, statistics, sieve analysis and differential weighing	VF2483
Configuration diskette for weighing platforms (PC), without interface cable (for equipment configurations without isi)	YAD01IS
Other options	
Special menu access locking device, IP67 (for external positioning of the menu access locking function and the labeling on weighing platforms built into systems)	YAS02IS

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