



sartorius
mechatronics

Sartorius Miras An Industrial Scale with Multiple Functions



turning science **into solutions**

RS-232 output
for computer or
printer connection

Large 25 mm LCD
with backlighting.
Easy to read even
from a distance
and under poor
lighting conditions.



Rugged, resilient ABS
plastic housing

Zero

Tare

Miras: New Sartorius Multi-function Platform Scale

Practical and cost effective

Sartorius Miras is a new generation industrial bench and platform scale. We have implemented an array of features to meet most requirements in industrial sectors. The weighing capacities are ranging from 3 kg to 3000 kg with 12 platform sizes.

The Miras platforms are equipped with rugged construction and with overload protection for industrial applications.

The following applications are available and can be selected by just pressing a key: counting, check weighing, mass unit conversion and toggling between gross | net values. The scales can be operated using an AC or DC power source.

Features

- Large 25 mm LCD with backlight.
- Weighing range: 3 kg to 3000 kg
- Display resolution up to 15000d
- Selectable weight unit: kg, g, lb, oz, t, pcs
- Checkweighing function
- Simple counting function
- Gross | Net function
- 12 sizes of platform to meet most industrial needs
- All platform structures with heavy duty design for durability and ruggedness
- With auto power off function
- AC 100-240V AC, 50 | 60 Hz or DC power: 6 1.5 V D-size dry batteries
- CE compliance



Gross | Net

Function key
- Counting
- Checkweighing
- Unit conversion

Print |
enter key

Simple counting function

Select number of samples from menu, place the exact number of components on the platform, and press Enter. Then place the components in bulk on the scale; the total number of pieces is shown on the display instantly.



Built-in checkweighing HI | OK | LO comparator function

When the user-defined upper limit is exceeded, "HI" is displayed. When the weight value is below the lower limit, "LO" is displayed. In between, "OK" is displayed for accepted goods.



Net | Total formulation

With Miras indicators, users can deduct the weight by pressing the tare button repeatedly, up to the scale capacity. This function is ideal for weighing multiple ingredient for formulation purposes.



Easy-to-use tare function with gross | net weight display

Place a container on the platform and press the tare key. The tare is automatically stored in memory and the net weight is displayed. The user can easily toggle the display between gross and net weight by pressing the Gross | Net key.

Sartorius model IW2 indicator platform scale specification

Dimensions in mm	Platform code	Column height (mm)	Weighing capacities													
			3 kg	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	600 kg	1000 kg	1500 kg	3000 kg			
320 × 240	DC	350	•	•	•	•										
400 × 300	ED	500		•	•	•	•									
500 × 400	FE	750				•	•	•	•							
650 × 500	GF	750						•	•	•						
700 × 700	GG	750							•	•						
800 × 600	IG	750						•	•	•						
1000 × 1000	LL	Optional									*	*	*	*		
1250 × 1000	NL	Optional									*	*	*	*		
1250 × 1250	NN	Optional									*	*	*	*		
1500 + 1250	RN	Optional									*	*	*	*		
1500 + 1500	RR	Optional									*	*	*	*		
2000 + 1500	WR	Optional									*	*	*	*		

IW2 Indicator resolution

		1 g	2 g	5 g	10 g	20 g	50 g	100 g	200 g	0.5 kg	0.5 kg	1 kg
Verifiable	B											
Standard	R	0.5 g	1 g	2 g	5 g	10 g	20 g	50 g	100 g	0.2 kg	0.2 kg	0.5 kg
High	L	0.2 g	0.5 g	1 g	2 g	5 g	10 g	20 g	50 g	0.1 kg	0.1 kg	0.2 kg
Loadcell		1	1	1	1	1	1	1	1 4*	4	4	4

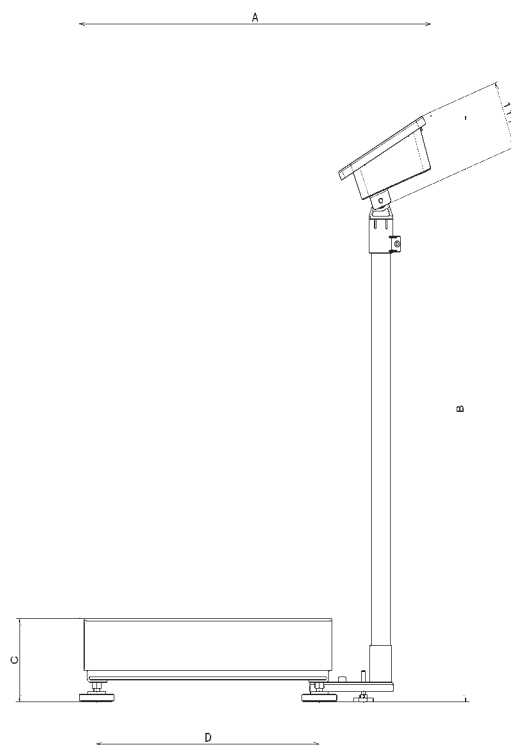
Resolution

B – 3000d
R – 6000d
L – 15000d

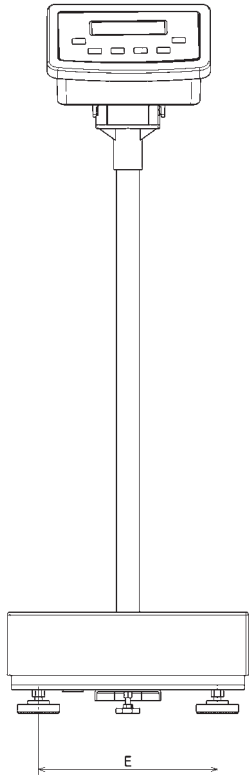
Model Selection Guide

IW2P□ – □□□□□ – □

Sample order number IW2P1-300FE-L
 Part 1 IW2 Display unit
 Part 2 P1-300FE P1: Platform structure in painted steel with 1 load cell; capacity: 300 kg; FE: platform size 500 × 400 mm
 Part 3 -L 20 g readability, non verifiable



Specifications



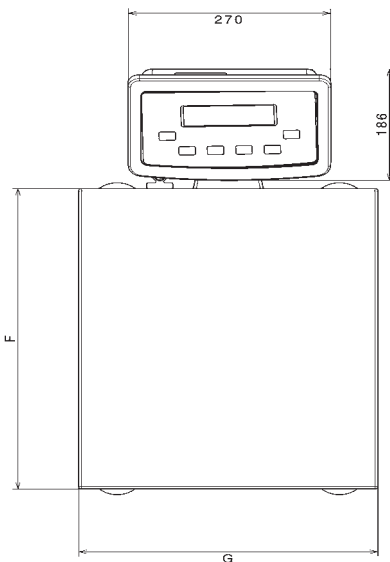
Display:	LCD, 6 digits, character height: 25 mm, 7 segments, with backlight
Maximum readability:	15000d
Accuracy class:	Class III
Functions:	1. Zero, 2. Tare, 3. Counting, 4. Checkweighing, 5. Net gross weight, 6. Auto power off
Line power supply:	Built-in 95-260V/AC
DC power operation:	Optional using 6 "D" size 1.5V dry batteries
Temperature range:	-10 to +40°C RH85% no condensation
Load plate:	Platform code: DC, ED, FE, GF, GG, IG stainless steel; LL, NL, NN, RN, RR, WR painted steel
Weighing system:	Using C3 load cell(s) with IP65 rating
Compliance:	CE

Options (Factory installed)

- RS-232 interface (cable 2 m with DB9 pins for PC connection)
- RS-232 interface (cable 2 m with DB25 pins for YDP03 printer)
- Rechargeable Battery Version

Accessories (to be installed by customer)

- RS-232 interface (cable 2 m with DB9 pins for PC connection)
- RS-232 interface (cable 2 m with DB25 pins for YDP03 printer)
- Indicator stand (1.2 m height, painted steel)
- Indicator wall-mounting bracket
- Printer YDP-03-OCE



Size	Dimension A	B	C	D	E	F	G
320 × 240	521	555	108	272	196	320	240
400 × 300	601	705	128	352	256	400	300
500 × 400	710	955	133	449	297	500	400
500 × 400	710	955	158	449	297	500	400
650 × 500	860	955	156	599	397	650	500
700 × 700	910	955	156	649	597	700	700
800 × 600	1010	955	156	749	497	800	600

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