

DIGI Scale Platform Line-up



S-V Series

S-U Series

S-T Series

S-S Series

S-YB Series

S-YA Series

S-YC Series

DIGI scale platform series assures you of highly accurate weighing operations for a wide range of industrial and food retailing applications. The platforms are designed with high quality load cells that are remarkable durable and shockproof against extremely high overloads.

DIGI Scale Platform Line-up

The various capacities and sizes of DIGI scale platforms adapt to any specialized weighing operational needs.

S-YC series

- Stainless steel, ABS injection molded plastic base

Model	Max	Model	Max
S-YCG500	500g	S-YCL1	1 lb
S-YCK1	1kg	S-YCL2.5	2.5 lb
S-YCK2.5	2.5kg	S-YCL5	5 lb
S-YCK5	5kg	S-YCL10	10 lb
S-YCK10	10kg	S-YCL25	25 lb
S-YCK25	25kg	S-YCL50	50 lb

- Load cell wire length: 3m/118inches

Model	Platter size	Dimensions	Net weight
S-YCG500, S-YCL1	201(W) x 143(D) mm/ 7.9 x 5.6 inches	341(W) x 284(D) x 90(H) mm/ 13.4 x 11.1 x 3.5 inches	3.5kg/7.7 lb
S-YCK1, S-YCL2.5	244(W) x 177(D) mm/ 9.6 x 6.9 inches		3.5kg/7.7 lb
S-YCK2.5, S-YCK5, S-YCK10, S-YCK25, S-YCL5, S-YCL10, S-YCL25, S-YCL50	341(W) x 284(D) mm/ 13.4 x 11.1 inches	341(W) x 284(D) x 120(H) mm/ 13.4 x 11.1 x 4.7 inches	5kg/11.0 lb

S-YA series / S-YB series

- low profile and square design makes the scale easy to use
- Stainless steel platform, rust-proof treated steel base

S-YA series

Model	Max	Model	Max
S-YAK30	30kg	S-YAL60	60 lb
S-YAK60	60kg	S-YAL150	150 lb
S-YAK150	150kg	S-YAL300	300 lb

- Dimensions: 380(W) x 380(D) x 90(H) mm/14.9 x 14.9 x 3.5 inches
- Net weight: 10kg/22.0 lb
- Load cell wire length: 2.5m/98.4 inches

- w/o load cell connector type is available for universal application use
- Optional load cell connector is available: Amphenol 14pin connector

S-YB series

Model	Max	Model	Max
S-YBK60	60 kg	S-YBL150	150 lb
S-YBK150	150 kg	S-YBL300	300 lb
S-YBK300	300 kg	S-YBL500	500 lb

- Dimensions: 480(W) x 480(D) x 96(H) mm/18.9 x 18.9 x 3.7 inches
- Net weight: 20kg/44.0 lb
- Load cell wire length: 2.5m/98.4 inches

S-S series / S-T series / S-U series / S-V series

- Stainless steel platform, rust-proof treated steel base
- Stainless steel version is also available for S-S series/S-T series/S-U series.
- For easier movement, optional casters are available for S-V series.

S-S series

Model	Max	Model	Max
S-SK30	30kg	S-SL60	60 lb
S-SK60	60kg	S-SL150	150 lb
S-SK150	150kg	S-SL300	300 lb

- Dimensions: 420(W) x 318(D) x 95(H) mm/16.5 x 12.5 x 3.7 inches
- Net weight: 12kg/26.4 lb
- Load cell wire length: 2.9m/114 inches

S-U series

Model	Max	Model	Max
S-UK60	60kg	S-UL150	150 lb
S-UK150	150kg	S-UL300	300 lb
S-UK300	300kg	S-UL500	500 lb

- Dimensions: 700(W) x 598(D) x 116(H) mm/27.6 x 23.5 x 4.6 inches
- Net weight: 45kg/99.2 lb
- Load cell wire length: 5.8m/228 inches

S-T series

Model	Max	Model	Max
S-TK60	60 kg	S-TL150	150 lb
S-TK150	150 kg	S-TL300	300 lb
S-TK300	300 kg	S-TL500	500 lb

- Dimensions: 520(W) x 415(D) x 107(H) mm/20.5 x 16.3 x 4.2 inches
- Net weight: 25kg/55.1 lb
- Load cell wire length: 2.9m/114 inches

S-V series

Model	Max	Model	Max
S-VK600	600 kg	S-VL1500	1500 lb

- Dimensions: 700(W) x 598(D) x 146(H) mm/27.6 x 23.5 x 5.7 inches
- Net weight: 59kg/130.0 lb
- Load cell wire length: 8.8m/346 inches

Specifications

Load cell material	Aluminum
sealed load cell material	Butyl rubber
Type of Transfer	Single-point strain gauge load cell
Total error	± 0.03%FS
<i>(Non-Linearity, Hysteresis, Repeatability, temperature coefficient)</i>	
Recommended excitation voltage	5-12VDC
Max. excitation voltage	20V DC, AC
	*12VDC, AC for S-YA & S-YC series (EU Approval condition)
	*20VDC, AC for S-YB, S-S, S-T, S-U and S-V series (EU Approval condition)
Input impedance	430 ± 10 Ω
Output impedance	1100 ± 50 Ω (S-YA series) 350 ± 5 Ω
Insurence resistance	1000 ± 10 Ω (S-YA series)
Zero balance	1G Ω or more within ± 50% R.O.

Temperature Range

Compensated	-10°C to 40°C / 14°F to 104°F
Safe	-50°C to 50°C / -88°F to 122°F

Rated out put

0.76mV/V ± 7.5%	S-YCL1, S-YCL2.5, S-YCL5, S-YCL10, S-YCL25, S-YCL50
0.83mV/V ± 7.5%	S-YCG500, S-YCK1, S-YCK2.5, S-YCK5, S-YCK10, S-YCK25
0.9mV/V ± 7.5%	S-YAL60, S-YAL150, S-YAL300, S-YBL150, S-YBL300, S-YBL500, S-SL60, S-SL150, S-SL300, S-TL300, S-TL500 S-UL150, S-UL300, S-UL500, S-VL1500
1mV/V ± 7.5%	S-YAK30, S-YAK60, S-YAK150, S-YBK60, S-YBK150, S-YBK300, S-SK30, S-SK60, S-SK150, S-TK60, S-TK150, S-TK300, S-UK60, S-UK150, S-UK300, S-VK600

Output/Input wire color code

Description	Color	Connector
Excitation voltage(+)	Red	Pin 1 & 3
Excitation voltage(-)	White	Pin 2 & 4
Signal output(+)	Green	Pin 6
Signal output(-)	Yellow	Pin 7
Shield	Silver	Pin 5
Ground	Black	Pin 8

* Meets or exceeds the requirement of OIML Class III.

* Specifications are subject to change without notice.

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