

Waterproof Platform Scale Guide

Ten bench and platform scale models from plastic counter scales to IP68 stainless washdown builds

- Protection rating matched to the cleaning regime
- Capacity and division tables for every model
- Battery runtime and power options
- Carton and container loading figures where confirmed

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How To Read This Guide

Platform scales live on the worst benches in the building: wet, greasy, knocked by crates and cleaned with a hose. This range is organised by how hard the environment is, from economical plastic housings for dry counters up to fully sealed stainless steel bodies with sealed rubber keypads and sealed PCBs.

Super-SS IP68 Stainless Steel Platform Scale

The Super-SS is the scale we specify when the room gets hosed down. Sealing is treated as a system rather than a claim: stainless steel housing, waterproof rubber keypad, an all sealed PCB design and a complete sealed load cell design with a ventilated ring. It carries CE certification and covers 0.6 kg to 30 kg with three selectable divisions per capacity.

Models	Super-0.6, 1.5, 3, 6, 15 and 30
Capacity	0.6 / 1.5 / 3 / 6 / 15 / 30 kg
Division	Three per capacity, from 0.05 g at 0.6 kg to 10 g at 30 kg
Weighing units	kg, g, lb, lb oz, pcs
Display	High brightness red LED, 6 digits
Weighing pan	230 x 190 mm stainless steel
Dimensions / weight	297 x 246 x 127 mm, net 4.72 kg, gross 5.11 kg
Power	AC mains or rechargeable battery; operating temperature -5 to +35 degrees C

S29 OIML Stainless Steel Platform Scale

The S29 is the approved stainless bench scale in this range. IP67 waterproof technology, a stainless steel housing and 3000e approved divisions make it usable for selling by weight in a wet area, and super low power consumption gives up to 70 hours of continuous use and around a year of standby battery life.

Capacities	3 kg to 25 kg
Platform size	230 x 190 mm
Housing	Stainless steel, IP67
Display	25 mm digit LCD with white LED backlight
Maximum divisions	3000e, 2 x 3000e, 6000d
Keyboard	3 keys, mechanical switch
Power	AC adapter 12 V 500 mA, internal rechargeable battery 6 V 3.2 Ah
Packing	Master carton 4 in 1, 0.115 cubic metres, 940 units per 20 ft and 1880 per 40 ft container

T28 OIML Waterproof Platform Scale

The T28 pairs a rugged waterproof housing with a standard stainless steel pan and 600000 internal counts, giving a maximum of 15000 divisions. It carries a CE certificate and OIML approval, runs up to 70 hours on battery and accepts an optional rear display for counter use.

Capacities	3 / 6 / 15 / 25 kg
Display	25 mm LCD with white LED backlight
Internal counts	600000
Maximum divisions	15000d
Housing	ABS plastic with stainless steel pan
Power	AC adapter 12 V 500 mA or rechargeable battery 6 V 4 Ah
Gross weight	3.5 kg
Packing	Master carton 4 in 1, 0.101 cubic metres, 1050 units per 20 ft and 2100 per 40 ft container

ACS-SS Plastic Waterproof Platform Scale

The ACS-SS is the economical waterproof bench scale: an IP68 plastic housing with a dual LED display and a 230 x 190 mm platform, covering 600 g to 30 kg with three division options at each capacity. Where budget rather than stainless construction decides the order, this is the model that still survives a wet bench.

Capacity and division	600 g x 0.05/0.1/0.2 g; 1500 g x 0.1/0.2/0.5 g; 3 kg x 0.2/0.5/1 g; 6 kg x 0.5/1/2 g; 15 kg x 1/2/5 g; 30 kg x 2/5/10 g
Display	LED, dual display
Platform size	230 x 190 mm
Protection	IP68
Units	kg and lb switching
Power	Rechargeable battery
Packing	4 pieces per carton, 58 x 35 x 30 cm, 18 kg

WP-ACS Waterproof Platform Scale

The WP-ACS is a waterproof bench scale built around a large heavy gauge stainless steel square pan and eight capacity and resolution combinations from 3 kg at 0.1 g up to 30 kg at 5 g. Auto calibration, auto zero tracking and selectable auto shut off make it a straightforward scale to commission across several benches.

Models and capacity	WP-ACS 3K/3KB 3 kg, 6K/6KB 6 kg, 15K/15KB 15 kg, 30K/30KB 30 kg
Resolution	0.1 g to 5 g depending on model; 1 in 2000 to 1 in 15000
Platter	218 x 168 mm
Scale material	Stainless steel SS304 or 201
Display	Large LCD or LED, 98 x 39 mm, with backlight and double LCD
Power	AC/DC 9 V 100 mA and rechargeable battery
Certification listed	CE, RoHS, GB/T, MC, ISO 9001:2008
Packing	4 pieces per carton, 650 x 560 x 240 mm, 1195 pieces per 20 ft container; net 3.50 kg, gross 3.2 kg

TCS-JJ Corrosion Resistant Platform Scale

The TCS-JJ solves a specific problem: weighing corrosive products on a floor standing platform without the deck rusting away. The platform uses a plastic steel structure, the load cell is sealed and the indicator is a high standard waterproof type, which together make an economical scale that survives conditions a painted steel bench would not.

Capacity	15 kg to 600 kg
Divisions	3000 / 6000 / 7500 / 15000, three options per capacity
Platform 30 x 40 cm	15 to 150 kg, plastic steel structure with 1.0 mm galvanised steel sheet painting, 3101D LCD indicator
Platform 40 x 50 cm	50 to 300 kg, plastic steel structure with 1.2 mm galvanised steel sheet painting, 3101D LCD indicator
Optional deck	1.0 mm stainless steel plate
Optional indicator	3101 red LED or OIML approved indicator
Load cell	Sealed type for corrosive environments

TCS-A Bench And Platform Scale

The TCS-A is the configurable member of the platform range. Capacities run 60 kg to 1000 kg, platforms from 300 x 300 mm to 800 x 1000 mm, and the frame can be built as a rectangular or round pipe welded structure, a pressing structure or an aluminium die cast structure, in stainless steel 304 or 201, powder coated carbon steel or painted carbon steel.

Capacity	60 kg to 1000 kg
Platform size	300 x 300 mm to 800 x 1000 mm
Accuracy class	Grade III
Functions	Zero, tare, zero tracking, overload indication
Function options	Weight only, counting or price computing
Structures	Rectangular pipe welded, round pipe welded, pressing, aluminium die casting
Deck material	Stainless steel 304 or 201, powder coated or painted carbon steel
Power	AC-DC dual power

TCS-H Platform Scale

The TCS-H is the mid capacity workhorse of the platform range: 60 to 300 kg on a 30 x 40 cm or 40 x 50 cm deck, with a framework structure that includes pressure limit protection so an overload transfers into the frame rather than the cell. Display options cover LED, LCD and backlit versions, and it runs from mains or an internal rechargeable battery.

Capacity	60 / 100 / 150 / 300 kg
Platform size	30 x 40 cm, 40 x 50 cm
Display	LED, LCD or backlit
Structure	Framework with pressure limit protection
Power	AC-DC dual use with built in rechargeable battery
Working current	500 mA
External AC charging voltage	110 to 240 V

TTZ Platform Scale

The TTZ is a straightforward six model platform range covering 50 kg to 500 kg on two deck sizes, with accuracy class III and packing dimensions published for every model so a distributor can cost a container before ordering.

TTZ-50	50 kg, 100 g division, 400 x 300 mm platform
TTZ-100	100 kg, 200 g division, 400 x 300 mm platform
TTZ-150	150 kg, 500 g division, 400 x 300 mm platform
TTZ-200	200 kg, 500 g division, 600 x 450 mm platform
TTZ-300	300 kg, 500 g division, 600 x 450 mm platform
TTZ-500	500 kg, 500 g division, 600 x 450 mm platform
Accuracy class	III
Packing	95 x 36 x 26 cm for 400 x 300 mm models, 93 x 53.5 x 18.5 cm for 600 x 450 mm models

PF Platform Scale

The PF range covers 100 kg to 1000 kg across five models, with finer divisions than most platform scales in this class, starting at 20 g on the 100 kg model. Deck sizes step from 400 x 300 mm up to 800 x 600 mm, and every model has its packing dimensions published for freight planning.

PF-100	100 kg, 20 g division, 400 x 300 mm platform, packing 69 x 48 x 16 cm
PF-300	300 kg, 50 g division, 600 x 450 mm platform, packing 99 x 62 x 21 cm
PF-500A	500 kg, 200 g division, 600 x 450 mm platform, packing 99 x 62 x 21 cm

PF-500S	500 kg, 200 g division, 600 x 640 mm platform, packing 100 x 80 x 22 cm
PF-1000	1000 kg, 500 g division, 800 x 600 mm platform, packing 123 x 80 x 23 cm
Accuracy class	III
Packing quantity	1 piece per carton

Questions Buyers Ask

What is the difference between IP67 and IP68 on these scales?

IP67 covers temporary immersion and is enough for benches that are hosed and wiped. IP68 models such as the Super-SS add a fully sealed PCB design and a ventilated sealing ring on the load cell, which is what you want where the scale is washed down every shift.

How long does the battery last?

It varies by model and is published on each product page. The S29 for example gives up to 70 hours of continuous use without the backlight, with about one year of standby life from its internal rechargeable battery.

Can I get an approved scale for selling by weight?

Yes. Several models in this range are CE and OIML approved, including the S29 and T28. Tell us the country of use so we confirm the approval covers your market.

Can you supply a rear display for the customer side?

Some models offer an optional rear display, for example the 20 mm rear display option on the S29. Ask for it at quotation stage as it is not fitted to the standard build.