EM500
Bench Scale

The EM500 is a robust and easy-to-operate bench scale for basic weighing, automatic over/under weigh-checking, animal weighing and simple counting applications. The display adopts the latest manufacturer customized TN segment type LCD, the backlight can be adjusted, and the weighing value can be read clearly under any light conditions.

Key features

Flexible applications

standard applications include basic weighing, weight checking, simple counting, animal weighing and weight accumulation functions. Suitable for multiple applications

High-definition display

with backlit TN segment type liquid crystal, clear reading weighing value under any light conditions.

Invisible adjustment limit

consider the difference of the four corners deformation, the four corners of the limit will be slightly different, invisible design, to ensure the reliability of the factory design and the correct measurement and the safety of load cell

Rounded corner treatment

the table is hygienic and easy to clean the four corners for ball treatment, smooth without dead corners, and ensure that the operator is not hurt;

High-strength structure

The structure uses high-strength materials, automatic laser welding: the sealing weld is smooth and uniform; The whole scale deformation is less, the product is safe and reliable, and the safety load reaches more than 200% F.S;

Sanitary foot design

manual locking nut adjustment, easy to adjust the level manually; not need to operate tools; Sanitary structure can be used in non-food contact occasions.

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Model T
Desktop or wall mounted, used for weighing platforms of various sizes

Model F
Install the front-end terminal in a suitable position on the weighing platform

Model S
The terminal is installed on either side of the weighing platform through a column for easy wiring and cleaning

Specifications

Display screen	TN segment code LCD
Number of verification scale intervals (e)	4000
Number of scale intervals for indicator (d)	100000
AC Power	100-240VAC
Battery capacity	5000mAH
Protection class	IP65
Serial port	two RS232（isolated）
DIO interface ※	2-channel inputs and 4-channel outputs
Materials	indicator enclosure aluminum alloy/stainless steel; weighing scales body: carbon steel/stainless steel
	Countertop: stainless steel/carbon steel
Load cells	Stainless steel/alloy steel
Application	Basic weighing, weigh-checking, counting, accumulation, animal weighing and so on

Note:the list marked with ※ is optional, select separately.

Dimensions

Product model	Scale body size (mm)	Maximum capacity (KG)						Explosion proof support	Sensor wire length
EM500-1	240×300	6	15						
EM500-2	300×400			30	60			support	
EM500-3	400×500			30	60	150		support	
EM500-4	500×650				60	150	300	support	
EM500-5	600×800				60	150	300	600 support	

Calibration scale 1×4000e								
Display Divisions		2g	5g	10g	20g	50g	100g	200g
Minimum weighing		40g	100g	200g	400g	1000g	2000g	4000g