


Platform Scale	Model	SEPS-30	SEPS-60	SEPS-150	SEPS-300	SEPS-600
	Max capacity (kg)	30	60	150	300	600
	division value (g)	10	20	50	100	200
	platform size (mm)	A:300×400 B:400×500 C:500 ×600 D:600×800				

SEPS series electrical platform scale holds the function of digital display, data accumulation. For introducing new finite element analysis system etc CAD technology, it makes the scales have advantages of high accuracy, steel superior durability, reasonable structure, quick weighing, easy operation, good stability and reliability etc. The scale can be used widely for weighing work in enterprise, business and trade line such as warehouse, goods distributing center, workshop etc. It can also be used in some special lines such as food industry, medicine industry and chemistry industry, where these applications usually request the scale platforms to be smooth & clean, anti-rust and anti-corrosion environment.

#### Technical parameters and function character:

0.7-1.5mm thickness stainless steel platform, durable, resist milling, easy cleaning.  
 Accuracy class: OIML (III)  
 Operation temperature: indicator 0~+40; scale system: -30~+65  
 Related humidity RH≤90%  
 System power: AC187~242.50Hz; 6V,2.8AH build-in storage maintenance battery.  
 With Number Tare, Button Tare (function)  
 AC/ DC double use and chargeable.

#### Configuration:

##### Platform

A platform is made of rubber feet, square pipes knighthhead and stainless steel platform surface. It should be placed on flat spot. Prevent distortion or inaccuracy by overloading.

##### Load cell

Load cell is a high precise test implement. Load cell and its accessory should be carefully kept for fear of being damp or distorted. Make sure of no damage to cables and interfaces.

##### Indicator

Indicator is a key element for electronic platform scale. It is a heart part. It should be carefully used. It is forbidden to play randomly. No vibration.

#### Principle of calculation and weighing:

When weighing, place a weighed object on the platform. The gravity of the object is therefore transferred to load cell through the platform. The elastomer is distorted, so is the strain gauge in the load cell's elastic beam. Then bridge becomes out of balance. Voltage signal, which is proportional to the weighed object's weight, is later output to the indicator through well-shielded cable. After being expanded, A/D transferred and digitally processed, the voltage signal is finally displayed in the indicator as digits, ie, the actual weight of the object.