

*Platform Scales*  
**EM**  
*Series*



*Who else is looking for a  
scale of true value?*

EM-150KAL



EM-30KAM



# Advice to Price-sensitive Users Who Find Their Scales Unreliable

Your scale doesn't work when you really need it to. Don't you hate that? "You get what you pay for," they may have told you. But is that always true? With the EM Series from the No.1 scale maker in Japan, you can find the answer for yourself!

**Quick, accurate, and easy to use, and you can take it anywhere, anytime.**

If you are OK with a poor-quality scale as long as it is the cheapest, the EM Series isn't your scale of choice. Or, if you are ready to pay whatever price for equipment with a beautiful exterior and countless numbers of fancy functions, the EM Series isn't for you, either. But if you need, on top of affordability, a solid, durable scale with just enough functions to ensure suitable weighing, you have found the right one. Here are 10 benefits that you can gain from the EM Series:

## 1. High Accuracy and Three Selectable Resolutions\*

You can select from three weighing resolutions (1/3,000, 1/6,000 to 1/7,500, or 1/12,000 to 1/15,000) the one that best suits your purpose and working environment.

\*Only one range can be selected at a time

## 2. Clearly Visible Display with White Backlight

The large, 26 mm characters are easy to read. The white backlight can aid visibility in dark areas.



## 3. Stable Field Operation Using a Rechargeable Battery

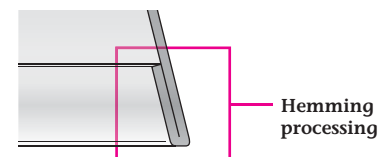
The scale operates without an AC power supply (for approx. 200 hours, with backlight off). Yes, the battery can be charged while the scale is in use.

## 4. Easy Carrying Thanks to Lightweight Body

The entire construction of the scale is trimmed in dimension to have only the necessary but sufficient level of strength. The resulting lightweight makes the scale highly portable, which is ideal if you change weighing location often.

## 5. Enhanced Safety by Hemming Processing on Weighing Pan

The rim of the weighing pan is folded inward so that you will not hurt your hands accidentally on a sharp edge. This is also beneficial for users who have to carry the scale around.



## 6. Hygienic, Stainless Steel Weighing Pan (SUS430)

The fact that the weighing pan is hemmed as well as made of stainless steel makes it easy to remove, wash, and wipe clean.

## 7. Auto Power Off As a Power Saving Function

With this function activated, the scale will turn off the display automatically after 5 minutes of inactivity to save the battery power.

## 8. 360-Degree\* Indicator to See the Display From the Side or Back

When the object you weigh is bulky and blocks the display, you can simply rotate the indicator and use the scale sideways.

\* Cannot be rotated over 360°



## 9. Convenient Counting Function to Calculate Quantities

The scale can count the number of objects of the same weight based on a predetermined unit weight. Useful for inventorying, incoming and outgoing inspections, etc.

## 10. Extendability with Various Accessories

Lastly, we prepared and will prepare various accessories for those of you who would like to make your scale more versatile. Currently, the following are available:

- ✓ Display stand for desktop/wall-mount use
- ✓ Load cell extension cables for mounting the indicator at a distance
- ✓ Additional pole-support foot (for EM-30KAM/60KAM only) to increase stability
- ✓ Tilting indicator bracket for a wider viewable angle
- ✓ RS-232C interface to output the results to a PC, printer, etc.
- ✓ Easily attachable/detachable dust cover to keep the indicator clean



Desktop/wall-mount stand



Additional pole-support foot



Tilting indicator bracket

## Specifications

	EM-30KAM	EM-60KAM	EM-60KAL	EM-150KAL
Weighing capacity	30 kg	60 kg		150 kg
Minimum weighing value (Selectable)	10 g*	20 g*		50 g*
	5 g	10 g		20 g
	2 g	5 g		10 g
Counting mode	Maximum count 30,000 pcs			
	Minimum unit weight			
	1 g	2 g		5 g
Repeatability (Standard deviation)	5 g	10 g		20 g
Linearity	±10 g	±20 g		±50 g
Sensitivity drift	±0.01% / °C (5 °C to 35 °C)			
Display	7-segment LCD with backlight (Character height: 26 mm)			
Display refresh rate	Approx. 10 times per second			
Operating conditions	-10 °C to 40 °C, 85%R.H. or less (No condensation)			
Power supply	AC adapter or rechargeable battery			
Battery operation	Approximately 200 hours with backlight off			
Weighing pan size	300 x 350 mm		400 x 500 mm	
Dimensions	300 x 560 x 450 mm		400 x 710 x 750 mm	
Net weight	Approx. 4 kg		Approx. 7 kg	Approx. 9.5 kg
Calibration weight	30 kg	60 kg		150 kg

\* Factory setting

## Options

- EM-03\*\*** RS-232C interface
- EM-12** Tilting indicator bracket
- EM-13\*\*** Stabilizing foot (for EM-30/60KAM only)
- EM-14** Desktop/wall-mount stand
- EM-15** Dust cover
- EM-16** Load cell extension cable (3 m)
- EM-17** Load cell extension cable (5 m)

\*\* Factory installed option