

IP68-Rated SUS Weighing Platform

SB-30K17SC SB-60K17SC SB-150K17SC
SB-60K18SC SB-150K18SC

Introduction

The weighing platform of the SB-17/18SC series is water-resistant and equivalent to IP68.
Choose an indicator according to the specifications.

Specifications

Capacity

SB-30K17SC	30 kg
SB-60K17SC	60 kg
SB-150K17SC	150 kg
SB-60K18SC	60 kg
SB-150K18SC	150 kg

Zero balance

SB-30K17SC	0.16 mV/V $\pm$ 0.18 mV/V
SB-60K17SC	0.08 mV/V $\pm$ 0.18 mV/V
SB-150K17SC	0.03 mV/V $\pm$ 0.18 mV/V
SB-60K18SC	0.13 mV/V $\pm$ 0.18 mV/V
SB-150K18SC	0.05 mV/V $\pm$ 0.18 mV/V

Rated output 1 mV/V $\pm$ 15%

Linearity & Hysteresis 0.03% of R.O.

Compensated temperature range $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$

Max. excitation voltage DC15V

Input terminal resistance $1800\ \Omega \pm 50\ \Omega$

Output terminal resistance $1600\ \Omega \pm 10\ \Omega$

Isolation resistance Greater than $2000\text{M}\ \Omega$ at DC50V

Cable $\phi 6 \times 1.5$ m, 4-wire shielded cable



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Weighing pan size (mm)

SB-30K17SC	300×380
SB-60K17SC	300×380
SB-150K17SC	300×380
SB-60K18SC	390×530
SB-150K18SC	390×530

Platform mass (approximately)

SB-30K17SC	9.3 kg
SB-60K17SC	9.3 kg
SB-150K17SC	9.3 kg
SB-60K18SC	13.0 kg
SB-150K18SC	13.0 kg

Weighing pan material Stainless steel (SUS304)

Base unit material Stainless steel (SUS304)

Color and Connection for the cable

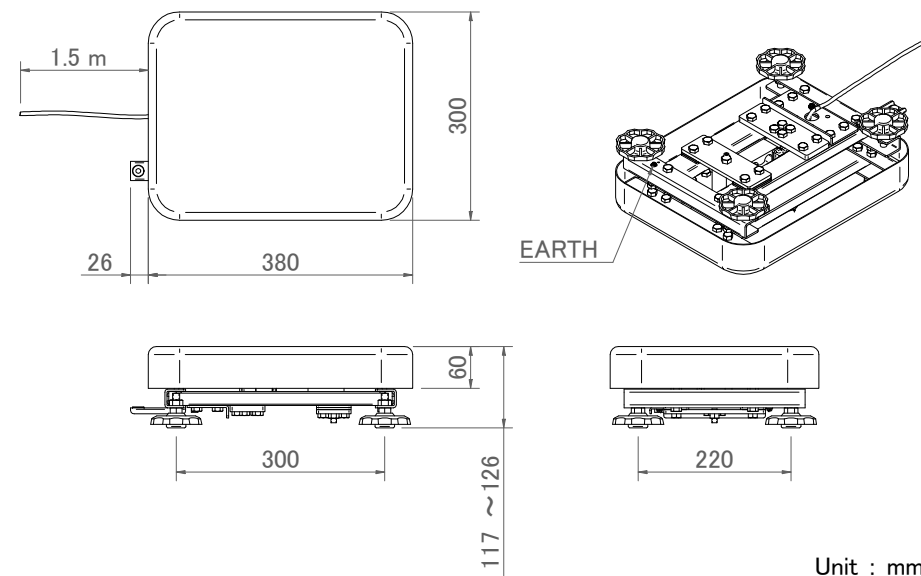
- RedExcitation + (Input terminal)
- WhiteExcitation - (Input terminal)
- Green.... Signal + (Output terminal)
- BlueSignal - (Output terminal)
- Yellow ... Shield

Caution

Ground the weighing platform using the earth terminal to avoid a weighing error caused by static electricity.

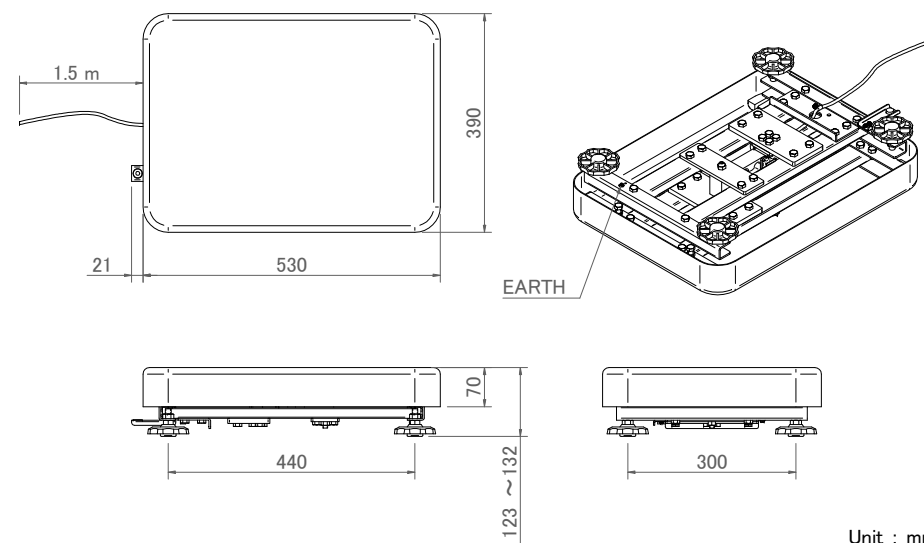
Level the weighing platform before use.

SB-30K17SC SB-60K17SC SB-150K17SC



Unit : mm

SB-60K18SC SB-150K18SC



Unit : mm