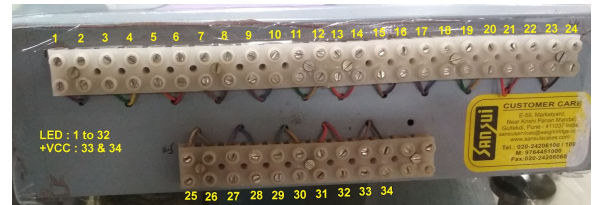


User Manual

Model : SSP Series : FB
Fan Blade Sorting Scale



(a)



(b)

DEAR USERS:

Thanks for choosing Sansui Fan Blade Sorting Scale. Please read this manual carefully before use. This manual only applies to SSP-FB scale.

Sansui Scale provides a weighing machine known as Fan Blade Sorting Weighing Scale. This weighing scale is mainly used for matching and grouping the exact same weight blades of a Fan/ Cooling Fan. For grouping /selecting the same weight fan blades, a set of 32 LEDs are provided at the back side of the Weighing scale, as shown in the diagram (a).

Diag. (b) shows detailed connections diagram. From Pin no. 1 to Pin no. 32 LEDs are connected and Pin 33 and 34 is used for giving +Vcc supply to LED. Each LED is connected to different compartments of the rack at the workplace, where a group of same weight fan blades are collected in each compartment. The Fan-Blade, whose weight is to be determined, is kept on the Weighing Pan. As soon as a stable weighing value is reached, the weighing value can be read. The corresponding LEDs at the weighing machine and Rack-Compartment get glow, so that the same Fan Blade is to be put in the LED Glowing compartment. On continuing the process, a group of exactly the same weight Fan blades can be obtained at the Rack Compartments.

DIRECTIONS FOR USE:

- Unpack the appliance, please check packaging immediately and the appliance itself for possible visible damage.
- Keep scale on hard and flat surface before use.
- Place pan casting and pan on scale.
- Mount LEDs one by one in Rack Compartment.
- Make connections of all LEDs to machine
- Connect scale with proper Mains supply.
- Switch on scale and it is ready for use.

INSIDE THE BOX:

1. Scale
2. Pan Casting
3. SS Pan
4. 32 LEDs with holder
5. User manual

FEATURES:

1. 12.5 mm Green LED Display
2. High internal resolution
3. 5 key keypad
4. Overload indication
5. Lo bat indication
6. Heavy MS powder coated body
7. Sorting Function: Sorting fan blades as per weight
8. Provided with 32 LED's for weighing indications

ERROR INDICATIONS:

1. Overload Indication: when the scale is overloaded more than its max capacity, then the Display screen will indicate “---”.
2. Low-battery Indication: when the battery power is low and requires battery charging, then the Display screen will indicate “Lo-bat”.

BASIC SAFETY PRECAUTIONS:

- Pay attention to the instructions in the User Manual. Carefully read this user manual before setup and commissioning, even if you are already familiar with SANSUI Weighing scales.
- The appliance may only be operated and maintained by a trained person.
- Do not use this scale in a hazardous area/location.
- The only way to switch the power off completely is to disconnect the Power.
- Connect only Sansui accessories and options, as these are optimally designed for use with your Sansui scales.
- Do not open the scale/scale housing. If the seal is broken, this will result in forfeiture of all claims under the manufacturer's warranty.
- If you have any problems with your scale contact your local Sansui office, dealer or service center
- You will work accurately and fast, if you select the right location for your scale. Therefore, observe the following for the installation site:
 - Place the scale on a firm, level surface; Avoid extreme heat as well as temperature fluctuation caused by installing next to a radiator or in the direct sunlight;
 - Protect the scale against direct draughts due to open windows and doors;
 - Do not drop loads on the platform.
 - Protect the scale against high humidity, vapors and dust;
 - Do not expose the device to extreme dampness for a longer period of time.
 - Non-permitted condensation (condensation of air humidity on the appliance) may occur if a cold appliance is taken to a considerably warmer environment.
 - If electro-magnetic fields or static charge occur, or if the power supply is unstable major deviations on the display (incorrect weighing results) are possible. In that case, the location must be changed.
 - When cleaning your scale, make sure that no liquid enters the scale housing; use only a slightly moistened cloth to clean the scale.
 - Service should be performed by an authorized person only.

IMPROPER USE:

- Do not use scale for dynamic weighing. In the event that small quantities are removed or added to the material to be weighed, incorrect weighing results can be displayed due to the "stability compensation" in the scale. (Example: Slowly draining fluids from a container on the scale.)
- Do not leave permanent load on the weighing plate. This may damage the measuring system.
- Impacts and overloading exceeding the stated maximum load (max) of the scale, minus a possibly existing tare load, must be strictly avoided. Scale may be damaged by this.
- Never operate scale in an explosive environment. The serial version is not explosion protected.
- The structure of the scale may not be modified. This may lead to incorrect weighing results, safety-related faults and destruction of the scale.

WARRANTY:

Warranty claims shall be avoided in following cases:

- Our conditions in the operation manual are ignored.
- The appliance is used outside the described uses.
- The appliance is modified or opened.
- Mechanical damage and damage caused by media, liquids and/or natural wear and tear.
- The appliance is improperly set up or incorrectly electrically connected.
- The measuring system is overloaded.

RECHARGEABLE BATTERY:

- Turning on the AC power, the machine will charge the battery automatically. So if you don't use the battery frequently, you should take the battery out.
 - Note: red end is +, black end is -. Wrong connection will destroy the machine.
 - Note: The built-in battery should be fully charged before it is used for the first time.
- Only when you turn off the AC power, and push the start key..
- When you use the battery for the first time, you should charge the battery for 20 hours in order to prevent low voltage resulting from the self leakage of the battery.
- If you don't use a battery for a long time, you should charge the battery for 10-12 hours for each 2 month to prolong battery life.
- The battery is an easily exhausted product. And it is not granted free guarantee.