

BOSCHE

Package scale **PS SST**



Manual

Safety instructions

This electronic scale is a precision instrument.

Avoid disturbing environmental such as drafts and vibrations. Avoid sudden temperature changes, possibly readjust the scale upon temperature adaptation.

When replacing batteries every 6 Batteries should be replaced, not individual. If the scales will not be used for a long time, please remove the batteries. If the batteries leak, the scale may be damaged. Avoid humidity, vapors and dust, because the scale is not hermetically closed. Scale must not come directly in contact with liquids, as these can penetrate into the measuring mechanism. Therefore only clean dry or slightly moist.

Do not use solvents, as painted and plastic parts could be damaged. Place the goods to be weighed carefully. Do not exceed the maximum capacity as this may lead to destruction of the scale - so that the guarantee lapses. Leave no permanent load on the weighing plate. Avoid shocks and extreme impairments.

If a fault in the program sequence occurs, the scale should be switched off briefly. Never operate the scale in hazardous areas because the serial version is not explosion-protected. The guarantee expires, if the scale is opened. Keep packaging for any possible transport. For return transport only use the original packaging.

WARNING

Use only the supplied AC adapter with the scale. Other adapters may cause damage.

Description

► Laterally



ON/OFF

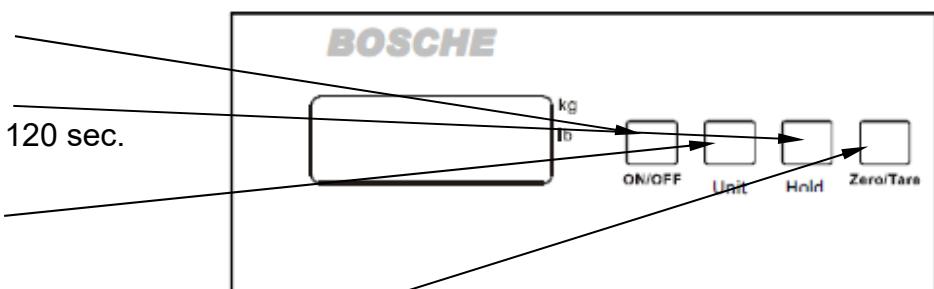
Turns the scale on and off

HOLD

Holds the display value for 120 sec.

UNIT

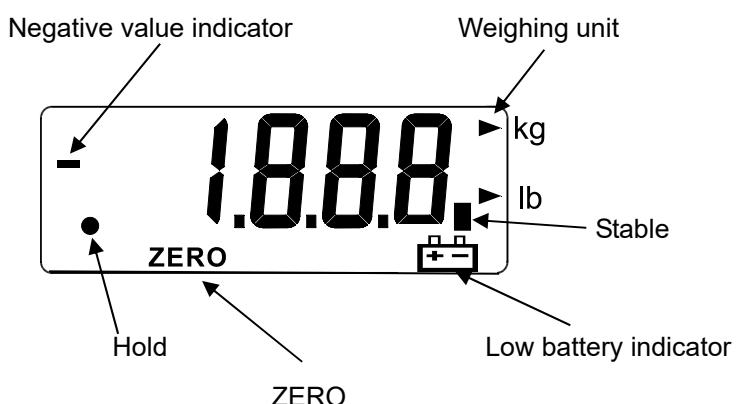
Weight unit Kg, lb.,



ZERO (TARE)

Zeros the display or removes
the weight of a container

► DISPLAY



HOLD (SEND DATA) FUNCTION

Press **[HOLD]**:

1. The CPU sends the weighing data to the RS232 interface.
2. The weighing value remains for 120 seconds on the display after removing the load. So the weight can be easily read even after weighing.
3. Switch off the Hold function: Press **[HOLD]** again. The "." Hold indicator turns off, the scale returns in normal weighing mode.

AUTO POWER OFF

If the Auto Power Off is set (display shows A_ON) the scale turns off after 2 minutes. If the Auto Power Off is off (display shows A_OFF) the scale turns not off automatically.

1. Enter the setting mode

Turn off the scale. Press and hold **[HOLD]**, then press **[ON/OFF]** while pressing and holding **[HOLD]**. The display shows **A_ON** or **A_OFF**.

2. switching on and off the Auto Power Off.

Proceed as described in point 1 above. Press repeatedly **[ZERO]**, to choose between **A_ON**, and **A_OFF**.

3. Automatic backlight

Proceed as described in point 1 above. Press **[HOLD]**. The display shows **L_ON** or **L_OFF**. Press **[ZERO]**, to choose between **L_ON** and **L_OFF**.

Weighing

Before weighing

The scale should be switched on for 1-2 minutes before the first weighing, to warm up.

Errors

-  EEEE: Overload
 **[+/-]**: battery indicator: the scale must be loaded immediately.

Weighing

Press [ON/OFF] – the scale turns on.

The display shows "F = XXX" and then "0".

Weight Unit selection [UNIT].

Press **[UNIT]** to choose between "kg" und "lb".

Weighing without container:

Make sure that the display shows 0, if not, press **[ZERO/TARE]**.

Place the sample on the platform.

If the stability display appears, you can read the weight.

Weighing with container:

Place an empty container on the platform. Wait for 3 seconds and then press **[ZERO/TARE]**. Place the item to be weighed in the container. If the stability display appears, you can read the weight.

Calibration

When to calibrate

Calibration is almost never required. Calibration is only required if the scale is used at a different gravitation, or if the scale is inaccurate.

Note: Short warm-up time of about 1 minute is recommended for stabilization.

Calibration process

* You must have weights of full weighing range.

1. To start the calibration, turn on the scale and after 1 minute waiting period off. The scale is switched off. Press [ZERO] and simultaneously [ON/OFF]. Then release both buttons at the same time. The display shows the A/D value (a series of numbers).
2. If the scale is stable, press [UNIT], the display shows “**0SAVE**”, then the A / D value again. Place weights of the full weighing range on the platform. If the scale is stable, press [UNIT]. The display shows “**1SAVE**”. The calibration is completed. You can remove the calibration weight. Turn off the scale. After 1 minute waiting period switch it on again.
3. If the calibration has not been successful, repeat all steps in slower pace.

Features

- Auto power off
- Auto zero tracking
- Large platform
- Detachable Display w3ft cable
- Large LCD display (6 digits 15 mm high)
- Auto calibration
- AC Power (optional)
- Selection kg / lb
- Hold Function

Technical Data

| PS SST SERIE | | | |
|---------------------|------------------|-------------------|-------------------|
| BOSCHE | PS 60 SST | PS 100 SST | PS 150 SST |
| Capacity | 60 kg | 100 kg | 150 kg |
| Readability | 20 g | 50 g | 100 g |
| Division | 1:3.000 | 1:2.000 | 1:1.500 |
| Taringrange | -60 kg | -100 kg | -150 kg |

| | |
|-----------------------|----------------------------------------------|
| Settling time | 2-3 seconds |
| Humidity | max. 80 % |
| Operating temperature | + 15° C + 30° C |
| Platform mm | 325 x 315 |
| Weight kg (net/gross) | 5,0 kg / 6,0 kg |
| Power supply | 6 x 1,5V Battery (AA) Adapter 9~12V/100mA |

WARNING

If electromagnetic fields occurs (eg. mobile communications), major deviations are possible. The location must be changed and the weighing must be repeated.

Interface RS 232

ASC II Code Parameter (the RS232 transmission parameters)

Baud rate 9600

Parity bit no

Data bit 8

Stopp bit 1



KONFORMITÄTserklärung

Declaration of conformity

Déclaration de conformité

Conformiteitsverklaring

Declaración de conformidad

III

Typ/Modell:

Type/Model – Modèle – Model -Tipo/ Modelo :

PSSST

Seriennummern:

PSSST2016A001-PSSST2016999

Serial numbers - Les numéros de série – Seriennummers - Números seriales:

BOSCHE GmbH & Co. KG
Reselager Rieden 3
DE-49401 Damme

Hersteller:

Manufacturer – Fabricant – Fabrikant -
Fabrikante:

Die alleinige Verantwortung für die Ausstellung trägt der Hersteller.

The sole responsibility for the issue carries the manufacturer - La seule responsabilité de l'exposition porte le fabricant – De verantwoordelijkheid voor de uitgave draagt de fabrikant. - El único responsable de la publicación lleva el fabricante.

Die nicht selbsttätige Waage PSSST

The non-automatic weighing instrument – L'instrument de pesage à fonctionnement non automatique – De niet-automatische weeg – El pesaje de funcionamiento no automático



Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:

2014/30/EG

The object of the declaration described above complies with the relevant Union harmonization legislation:

2014/35/EU

L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union:

Het doel van de verklaring bovenbeschreven voldoet aan de relevante harmonisatiewetgeving van de Unie:

El objeto de la declaración descrito anteriormente cumple con la legislación de armonización pertinente de la Unión:

entsprechend den folgenden Normen:

EN 55022 :2011-12

in conformity with following standards:

DIN EN 61000-3-3 VDE 0838-3 :2009-06

conforme aux normes suivantes:

DIN EN 55024 VDE 0878-24 :2011-09

volgens de volgende normen:

DIN EN 61000-4-2 VDE 0847-4 2 :2009-12

de acuerdo con las siguientes normas:

DIN EN 61000-4-3 VDE 0847-4-3 :2011-04

DIN EN 61000-4-4 VDE 0847-4-4 :2010-11

DIN EN 61000-4-5 VDE 0847-4-5 :2007-06

DIN EN 61000-4-6 VDE 0847-4-6 :2009-12

DIN EN 61000-4-11 VDE 0847-4-11 :2005-02

DIN EN 61000-6-3 VDE 0839-6-3 :2011-09

DIN EN 61000-6-4 VDE 0839-6-4 :2011-09

Unterzeichnet für und im Namen von:

Signed for and on behalf of: - Signé pour et au nom de: - Ondertekend voor en namens: - Firmado por y en nombre de:
Bosche GmbH & Co.KG

Damme, 20. April 2016

Damme, 20 April 2016 - Damme 20 Avril 2016 - Damme, 20 April 2016 - Damme, 20 de Abril el año 2016

Dipl. Ing. Jarmila Bosche, PhD., Geschäftsführer - managing director – manager – gerente