

5. CALIBRATION

When to calibrate:

When first installing the balance, the factory will still be valid, of course. However, if it is exposed to severe environmental conditions such as dust, contamination, high humidity, a re-calibration can be made. The common calibration intervals should also be adhered to (e.g. annual re-calibration according to ISO).

How to calibrate:

1. The scale must be turned off.
2. Press and hold the [Unit] key and at the same time press the [ON/OFF] key. The scale will now enter calibration mode and display a random number such as 0247581811, which is the indication of A/D converter (the signal of the weighing cell). When loading the scale, this number should increase and when removing the load, it should decrease and stabilise. Now press [UNIT] key to confirm the zero point. The weighing platform should be free from any load. The display will show "00SAVE" for a short time and go to the first calibration point "2000.0" (PCE-BS 3000) or "200.00" (PCE-BS 200). Now load the scale with the 2000 g weight. Then press the [Unit] key again. The display will show "00SAVE" again and then go to the second calibration point "3000.0". You can either cancel the calibration by pressing the [ON/OFF] key or load the scale with a 3000 g weight and press the [Unit] key again. "00SAVE" will be displayed for a short time. The two-point calibration is now completed and the display will again show the signal of the A/D converter.

.....K]H `UD7 9!6 G" \$\$zcb`mUg]b[`Y!dc]bhWU]VfUH]cb`fB\$\$ [L]g`dcgg]V`Y`

- Turn off the balance and turn it back on by pressing the [ON/OFF] key. Carry out a few weighings. In case you believe there are still some deviations, repeat the calibration procedure. If you prefer so, you can also contact PCE Instruments for professional calibration at the calibration laboratory.

The calibration is complete.

6. FEATURES

- Auto shut off (optional)
- Auto zero tracking
- Low batter indication
- Large LCD (6digits 15 mm high)
- Large square weighing pan
- Auto calibration
- Auto backlight (optional)
- g/oz/lb/ozt/gn/dwt/ct/n
- Net weight/stability indication

7. SPECIFICATIONS

Model number	Capacity	Division
PCE-BS 300	300 g	0.01 g
PCE-BS 3000	3000 g	0.1 g
Weighing platform	Ø 95 mm	160 x 135 mm
Operating temperature	0 ... 40 °C (32 ... 104 °F)	
Power source	6 x AA Size Batteries	
	Adapter 9V / 100 mA	

FUNCTION SETTINGS

Enter function setting mode.

Press [ON/OFF] to turn the power off. Press [ZERO] first, then press [ON/OFF], while keeping [ZERO] pressed, the display will show A_ON or A_OFF.

NOTE: This instrument doesn't have ATEX protection, so it should not be used in potentially explosive atmospheres (powder, flammable gases).