

1. What are the main differences between the ZK810 and the ZK830?

The most noticeable differences are the ZK810 is more affordable, only has 1 base size, one capacity with fixed 35,000d displayed resolution, slightly less accurate than the ZK830 but will still outperform all other counting scale within its price range. It has simplified operations, making operator training faster and ideal for straightforward counting scale applications which do not require a database, printer or scanner.

2. When would I buy a ZK810 over a ZK830?

There are lots of general purpose counting scale applications that do not require the higher accuracy offered with our ZK830 and ZK840 and do not need all the extra peripheral devices such as printers, scanners, remote bases, databases or stack lights. The ZK810 has been redesigned to just the essentials to provide an affordable, digital alternative to compete against much lower cost analog counting scales or balances, seen within this price range. The ZK810 offers outstanding Quartzell sampling accuracy at an affordable price. Please note this affordable counting scale was designed for counting unlike others on the market today.

3. Does the ZK810 use the same Quartzell and BSQ base design?

No. The ZK810 uses a more affordable version of the Quartzell that goes through fewer manufacturing profile steps. This Quartzell offers an internal resolution of 500 million counts and is slightly less linear compared to the more accurate Quartzell used in the ZK830 and ZK840. This ZK810 Quartzell still provides accuracy high enough to beat most competitors counting scales within this price range. This new suspended Quartzell design is mounted in the same BSQ 9" x 12" base housing as used in our ZK830 and ZK840 and has the same outstanding 1100% overload protection.

4. Why is the ZK810 display vertical and not at a more readable angle like the ZK830?

The ZK810 display was designed vertically to stop any falling parts from damaging the overlay/ display area. The vertically mounted display combined with the 45 degree deflection angle helps deflect any falling parts away from the display area. The ZK810's IBN display technology makes viewing the display easy from most angles.

5. Is the ZK810 less accurate compared to the ZK830?

Yes. The ZK810 is less accurate compared to the ZK830 and ZK840 due to the differences in the Quartzell manufacturing process. However, the count accuracy performance that the ZK810 offers will outperform all other scales within this price bracket.

6. Can I change the capacity and resolution on the ZK810?

The ZK810 is factory set to 35,000 displayed divisions and cannot be changed through the configuration settings. It is possible to down range to one of 3 capacities: 70 x 0.002, 35 x 0.001 or 15 x 0.0005. For applications that need different capacities or resolution, please move up to the more flexible ZK830.

7. Can I get a different base size with the ZK810?

No. The ZK810 is only offered in the 9" x 12" base size and only at 70lb/35kg capacity. If a base size or capacity needs to be larger than this, you need to move up to the ZK830.

8. Can I remove the indicator from the BSQ base?

No. The ZK810 Indicator is fixed to the front of the BSQ base and cannot be removed. If you need the indicator removed away from the base, you need to upgrade to the more flexible ZK830.

9. Can I change the count accuracy on the ZK810?

No. The ZK810 has been designed to be very simple to operate with minimal configuration choices. The accuracy has been factory set to give the optimum sample accuracy for the environment that the scales will be used in.

10. Is there a battery option on the ZK810?

Yes. The internal rear battery option can also be distributor installed on the ZK810 to give up to 20 hours of operation between charges.

11. If a cell fails, can I fit the standard BSQ cell?

Yes. The software in the ZK810 will allow it to communicate with both versions of Quartzell.

12. Can I trade approve this scale?

No. The Quartzell in the ZK810 is not legal for trade. If a legal for trade version is required, please move up to the ZK830.

13. Can I use a printer with the ZK810?

Yes, if required. The ZK810 can be connected to a very basic ticket printer. However, there are only 3 basic ticket printer formats in the ZK810. Since the ZK810 has no Ztools connection, any print format changes have to be done through the scale's front panel. For most printing applications it is recommended using the more flexible ZK830

14. Does the ZK810 have any communications ports?

Yes. The ZK810 has limited communications ports on the underside of the counting scale. It has 2 RS232 ports and 1 Ethernet socket as standard.

15. Is Ztools compatible with the ZK810?

No. Ztools is not compatible with the ZK810. All changes must be done through the ZK810 front panel.

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