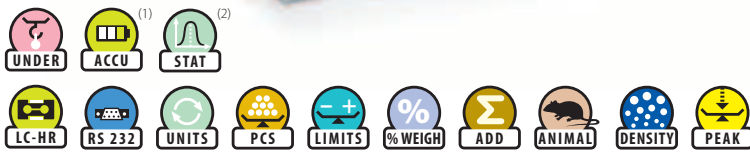


Robustness, reliability and a high level of performance are enclosed inside KL series balances, that can reach a maximum capacity of 32Kg with 0,1g resolution. The many embedded functions make these balances an ideal instrument of work for many applications inside and outside the laboratory.



Optional Tablet system to expand balance functions



Model	Capacity (g)	Resolution (g)	Pan (mm)	Repeatability (g)	Linearity (g)	Response time (sec.)
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External calibration

KL8001	8000	0,1	210x320	0,05	± 0,2	≤ 3
KL10001	10000	0,1	210x320	0,05	± 0,3	≤ 3
KL12001	12000	0,1	210x320	0,05	± 0,3	≤ 3
KL16001	16000	0,1	210x320	0,05	± 0,3	≤ 3
KL20001	20000	0,1	210x320	0,1	± 0,3	≤ 4
KL32001	32000	0,1	210x320	0,1	± 0,4	≤ 4
KL32001.2	32000	0,2	210x320	0,1	± 0,4	≤ 3
KL32001.5	32000	0,5	210x320	0,5	± 0,5	≤ 3
KL15000	15000	1	210x320	0,1	± 1	≤ 3
KL20000	20000	1	210x320	0,1	± 1	≤ 3
KL32000	32000	1	210x320	0,1	± 1	≤ 3
KL16001D	4500/16000	0,1/1	210x320	0,05/0,5	±0,2/± 1	≤ 3
KL20001D	4500/20000	0,1/1	210x320	0,05/0,5	±0,2/± 1	≤ 3
KL32001D	4500/32000	0,1/1	210x320	0,05/0,5	±0,2/± 1	≤ 3

Features

- High resolution load cell weighing system
- External calibration
- Metal case
- LCD with backlight with adjustable contrast
- Plastic protection cover
- Under hook weighing

Accessories

- Ioniser Ion-A15 (BL0371)
- BEL Tablet System for balances. USB version (BL0329) or BLUETOOTH version (BL0330).
- Bluetooth printer DPP-250-BT for BEL Tablet system (AC013)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Serial Printer STAT, with Statistics functions (AC022)
- Portable rechargeable battery pack (AC015)
- Alphanumeric external keyboard (AC005)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Calibration certificate (BL0333)

Technical data

- Span drift (+ 10...+ 30 °C): +/- 6ppm/°C
- Dimensions LxWxH (mm): 330x325x105
- Power supply 110-230Vac, 50/60Hz; output 9V 1,2A 10VA
- Net Weight: 6,2Kg

(1) Optional external battery pack (AC015)

(2) If connected to optional STAT printer (AC022)

BEL Tablet system is an accessory that can be connected to balances, achieving in this way a consistent upgrade.

Expand

The innovative BEL Tablet System expands the capability of your BEL precision balance by increasing the functionality and applications available using the now familiar Tablet technology and App philosophy.

The Tablet system expands the possibility of the balance, introducing weighing functions that are usually handled connecting the balance to a computer or by balances of higher class.

Connect

The tablet has a Bluetooth connection, just switch on the balance and the Tablet automatically recognizes it: no need to configure. That also means that the same tablet can be used with different balances in your lab.

The tablet has also a Wi-fi connection so it can connect to your local area network.

System can be easily updated and Tablet applications can be upgraded via the internet, without the sometimes necessary purchase of a new balance.

Save

Save space: no need to connect the balance to a desktop computer. Centralize your weighing actions in one place.

Save time: easy to use and intuitive touch screen technology - you see what you need and you touch to choose. The tablet can retrieve data and information relevant to measurements/ongoing studies via internet, no need to move from another working location. A context sensitive help shows you how to use the function you're using.

It has never been so intuitive and quick to work with a precision balance!

App

The system takes advantages from the APP philosophy: your balance becomes a weighing system depending on the Application you choose.

You can buy new Applications as they are released without need of buying a new balance or system. The balance can always work independently: disconnect the Tablet system and the balance returns to work as a stand-alone equipment as before.

Update

The 7-inch Tablet provides an economical, powerful and space saving alternative to use of more elaborate balances or external computer control. The Tablet can update your balance even if you buy it separately in a different moment, so your investment is preserved.

As new Applications are developed during time you can choose if upgrading the system in fact expanding weighing possibilities or... let us know your application needs you would like to be developed!



The BEL Tablet System consists of:

7" tablet	Multi-touch, 1280x800 screen resolution, Android OS.
Tab-Box	Connecting interface complete of cables to connect the Balance to the Tablet.
APP	Application software for all weighing functions management, already installed on the Tablet.
Support	Inclinable support for Tablet.

Compatible Balances (need firmware R6.xx):

M family	LCD display, from 0,0001g to 0,01g resolution
MW family	LCD display, 0,001g resolution
L family	LCD display, from 0,001g to 0,1g resolution
LW family	LCD display, 0,001g resolution
KL family	LCD display, from 0,1g to 1g resolution
S	LCD display, from 0,001g to 0,1g resolution

Code Description

BL0329	BEL Tablet System for balances. Includes Tablet, Tab-box, support, Application. USB version.
BL0330	BEL Tablet System for balances. Includes Tablet, Tab-box, support, Application. BLUETOOTH version.

Accessories:

AC013	Bluetooth wireless printer (works also with batteries). Model DPP-250-BT, code AC013.
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Functions included in the APP:

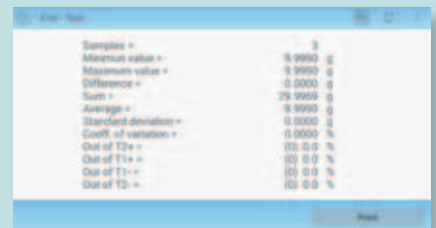
Simple Weighing	Basic weighing operations with multiple measuring units, three custom defined measuring units, calibration, preTare and zero/Tare commands.
Piece Counting	Piece counting function with 10,25 or customizable quantity of samples, mean sample weight or from database entry.
Check Weight	Set lower and upper limit value of weight, values can be stored.
Weight %	Percentage measurement among weights.
Density	Density measurements, also from database stored values.
Statistics	Maximum, Minimum, Average, Sum, Standard deviation
Gross Net Tare	Display simultaneously gross weight, net weight, net tare.
Recipe	Dosing multiple components together, with automatic recalculations of a component in case of dosing error, recipes can be stored and recalled.
Max Load	Holds the Peak value of weighing.
Animal Weighing	Used when weighing small animals in movement.
Textile	Determines the title of a thread through weight of a skein of known length, measuring units: Tex, Td, Nm, Nc.
GLP	Allows to store identification data of balance, project and user.

Additional APP features:

Profiles	It is possible to create up to 10 different profile. Each profile has his own preferences and database management.
Database Management	Each profile can store 300 database entries for each of the above listed functions.
Backup/Restore	Database can be backed up and restored in case of necessity.
Printers	Printers management, configure of the header to be printed.
Bluetooth	The Tablet bluetooth can send data to the DPP-250-BT (code AC013) printer so that weighing data can be printed easily without connection cables.



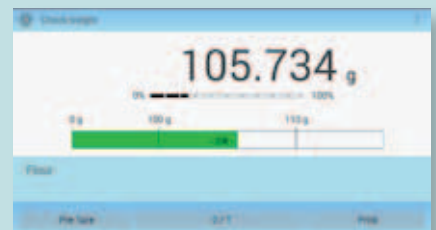
Recipe function



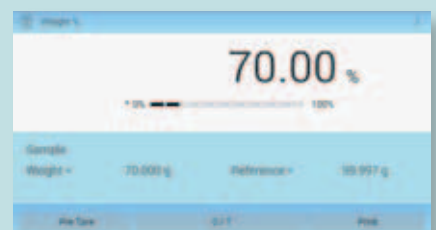
Statistics



Density function.



Check Weight function.



Weight % function.



Piece Count function.