

High Resolution: Smart+

With the 4-Series Smart+ we an additional feature of High Resolution (high precision) weighing.

High Resolution: In the high resolution mode the Smart+ displays the weight in higher precision. For a strain gauge scale this is the highest precision possible, for a MonoBloc model the precision is 10 times higher.

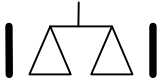






There are two basic methods of displaying the High Precision Weight.

- With the “Zoom” view in the “Info” screen.
- In the main display when “HighRes” is selected via softkey.

High Resolution weight in the Information screen.

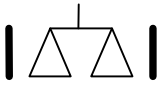






The “Info”, information screen is viewed by touching the “i” key which is the top center key in the right hand keypad.

Main screen of Smart+

N 0.000 lb T 0.000 lb G 0.000 lb		0.000 lb			
	Smpl 10	Smpl n	APW	Unit	BigDis
					

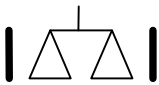






Touch the “Info” key



Date 04/18/05		0.000 lb			
Time 01 :43 PM					
G 0.000 lb					
	Smpl 10	Smpl n	APW	Unit	BigDis
					

In the “Info” screen (left frame of the display) we have 4 lines available for information. The default “info” is (Line 1) Date, (Line 2) Time, (Line 3) Gross Wt., (Line 4) Accuracy (displayed only in counting mode).

For our demo, let’s change line 3 from Gross to “Zoom” for the High Precision weight.

Date 04/18/05		0.000 lb			
Time 01 :43 PM					
N 0.0000 lb					
	Smpl 10	Smpl n	APW	Unit	BigDis
					

How do I setup “Zoom” in the “Info” screen?

Supervisor Setup:

Application / Info/Help / Line Config. / Info 3 / Edit / Zoom / End / Save / Yes

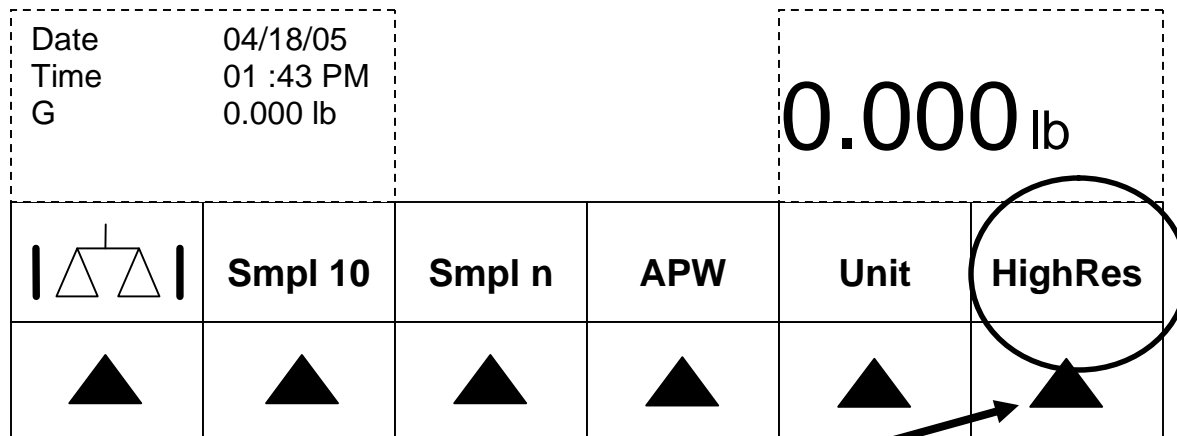
High Resolution weight in the main display.

In this example we change the softkey 6 assignment from “BigDis” to “HighRes”.

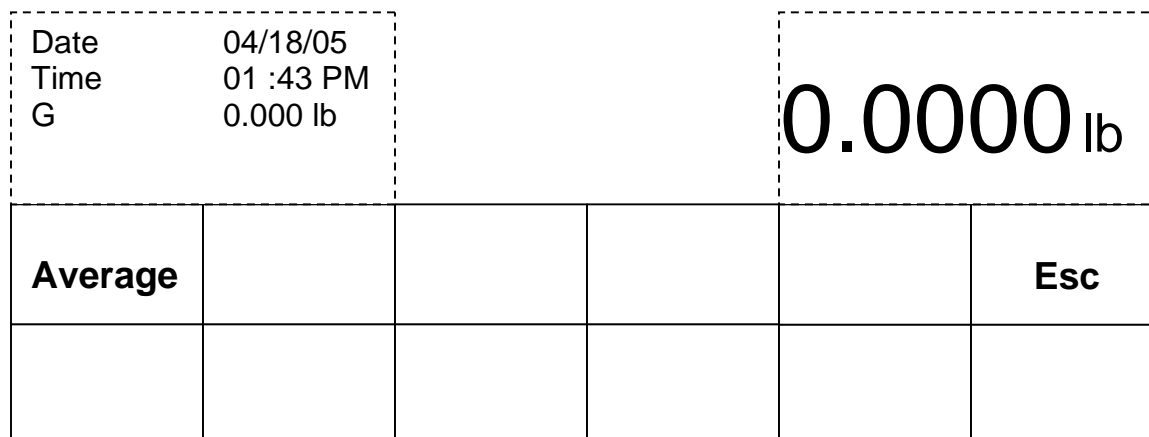
How do I assign “HighRes” to softkey 6?

Supervisor Setup:

Application / Softkeys /Softkey 6 / Edit / High Res / OK / End / Save / Yes



Touch the “HighRes” softkey to switch to High Resolution weight.



Touch the “Esc” key to return to normal precision weight display.
 High Resolution can be used in the Big Display mode too, should you need Big Display of the High Resolution weight.

In this example we used a strain gauge scale with precision of 0.002 lb, in the High Resolution mode the precision was 0.0001 lb. Be aware that in the High Resolution mode the scale will be much more sensitive to the environment and may not be usable for normal operations. The High Precision mode must be used in a very stable environment.

The “Average” softkey illustrated above is explained in a different demo.

End of Demo.