

Scout Pro Abbreviated Instructions

Table of Contents

User Menus	2
SPAN Calibration	2
LINearity Calibration.....	2
Auto Off	3
To Use the Hold Alternate Mode	4
To use the Total Alternate Mode.....	5
To use the Specific Gravity Alternate Mode	5
To turn Units, and %, on or off	6
Parts Counting	7
To Turn on Parts Counting (PC).....	7
To Use Parts Counting	8
To use Percent weighing	9
Service Menu	9
Service Calibration	9
Filling Process Set up	10

Scout Pro

Abbreviated Instructions

User Menus

SPAN Calibration

1. Start with the balance off
2. Press and hold **ON/ZERO-Off** until the display reads MENU then release
3. The display will read **.C.A.L.**
4. Press and release **ON/ZERO-Off**
5. The display will read **CAL**, then **-C-**, then the calibration weight value will blink.
6. Place the required mass on the platform
7. Press and release **ON/ZERO-Off**
8. The display will read **-C-**, then **donE**, then the balance will return to the weigh mode

LINearity Calibration

1. Start with the balance off
2. Press and hold **ON/ZERO-Off** until the display reads MENU then release
3. The display will read **.C.A.L.**
4. Press and release **PRINT-Unit**
5. The display will read **S.E.T.U.P.**
6. Press and release **ON/ZERO-Off**
7. The display will read **A-OFF**
8. Press and release **PRINT-Unit**
9. The display will read **Lin**
10. Press and release **ON/ZERO-Off**
11. The display will read **-C-**, then the first required mass value will blink.
12. Place the required mass on the platform.
13. Press and release **ON/ZERO-Off**
14. The display will read **-C-**, then the second required mass value will blink.
15. Place the required mass on the platform.
16. Press and release **ON/ZERO-Off**
17. The display will read **-C-**, then **donE**, then the balance will return to the weigh mode.

Scout Pro

Abbreviated Instructions

Auto Off

1. Start with the balance off
2. Press and hold **ON/ZERO-Off** until the display reads MENU then release
3. The display will read **.C.A.L.**
4. Press and release **PRINT-Unit**
5. The display will read **S.E.T.U.P.**
6. Press and release **ON/ZERO-Off**
7. The display will read **A-OFF**
8. Press and release **ON/ZERO-Off**
9. The display will read either **On** or **Off**
10. Press and release **PRINT-Unit** to change from **On** to **Off** or **Off** to **On**
11. When the desired state (**On** or **Off**) is displayed press and release **ON/ZERO-Off**
12. The display will read **A-OFF**
13. Press and release **PRINT-Unit**
14. The display will read **Lin**
15. Press and release **PRINT-Unit**
16. The display will read **MOdE**
17. Press and release **PRINT-Unit**
18. The display will read **END**
19. Press and release **ON/ZERO-Off**
20. The display will read **S.E.T.U.P**
21. Press and release **PRINT-Unit**
22. The display will read **.U.N.I.T.**
23. Press and release **PRINT-Unit**
24. The display will read **.E.N.D.**
25. Press and release **ON/ZERO-Off**
26. The balance will return to the weigh mode

Scout Pro

Abbreviated Instructions

Mode (Alternate Mode)

1. Start with the balance off
2. Press and hold **ON/ZERO-Off** until the display reads **MENU** then release
3. The display will read **.C.A.L.**
4. Press and release **PRINT-Unit**
5. The display will read **S.E.T.U.P.**
6. Press and release **ON/ZERO-Off**
7. The display will read **A-OFF**
8. Press and release **PRINT-Unit**
9. The display will read **Lin**
10. Press and release **PRINT-Unit**
11. The display will read **MOdE**
12. Press and release **ON/ZERO-Off**
13. The display will read either **OFF**, **HoLd**, **totAL** or **SPEC.gr**
14. Press and release **PRINT-Unit** to cycle between the 4 choices, leave the display reading the mode you want to turn on.
 - a. It is recommended that the alternate mode be left at **OFF** unless an alternate mode is actually being used. The alternate mode can be easilt activated by mistake when switching units.
15. When the display reads the mode you need press and release **ON/ZERO -Off**
16. The display will read **MODE**
17. Press and release **PRINT-Unit**
18. The display will read **END**
19. Press and release **ON/ZERO-Off**
20. The display will read **S.E.T.U.P**
21. Press and release **PRINT-Unit**
22. The display will read **.U.N.I.T.**
23. Press and release **PRINT-Unit**
24. The display will read **.E.N.D.**
25. Press and release **ON/ZERO-Off**

To Use the Hold Alternate Mode

The Mode must be set to **HoLd**, See Mode above

1. Press and release **PRINT-Unit**
2. The display will read **Hold**, then return to the weigh mode.
3. Place a series of masses on the pan, the display will hold the highest weight. While a peak value is being held the stability indicator (*) will blink.
4. Press and release **ON/ZERO-Off**
5. The display will reset to zero, ready for another series of masses.
6. When finished with the **Hold** mode Press and hold **ON/ZERO -Off**
7. The display will read **Hid.OFF**, then the balance will return to the weigh mode.

Scout Pro Abbreviated Instructions

To use the Total Alternate Mode

The Mode must be set to **totAL**, See Mode above

1. Press and release **PRINT-Unit**
2. The display will read **totAL**, then will return to the Weigh mode with a “**t**” in the lower right corner.
3. Place the mass to be added to the total on the pan.
4. The display will read the weight of the mass
5. Press and release **PRINT-Unit**
6. The display will read the total weight with the “**t**” blinking.
7. Remove the mass
8. The display will read zero and the “**t**” will not be blinking
9. Place another mass on the pan
10. The display will read the weight of the mass
11. Press and release **PRINT-Unit**
12. The display will read the total weight with the “**t**” blinking. This process can be continued until the maximum the balance can display is reached.
13. To clear the total Press and hold **ON/ZERO-Off** until the display reads **tot.OFF**

To use the Specific Gravity Alternate Mode

The Mode must be set to Spec.gr, See Mode above

1. Press and release **PRINT-Unit**
2. The display will read Air.Wt
3. Place the sample on the pan
4. The display will read the weight of the sample
5. Press and release **PRINT-Unit**
6. The display will read **Wet**
7. Weigh the sample in water
8. Press and release **PRINT-Unit**
9. The display will read the specific gravity of the sample with a “**G**” blinking
10. Press and hold **ON/ZERO-Off**
11. The display will read **sg.OFF**,
12. The balance is now in the standard weigh mode.

Scout Pro Abbreviated Instructions

To turn Units, and %, on or off

1. Start with the balance off
2. Press and hold **ON/ZERO-Off** until the display reads MENU then release
3. The display will read **.C.A.L.**
4. Press and release **PRINT-Unit**
5. The display will read **S.E.T.U.P.**
6. Press and release **PRINT-Unit**
7. The display will read **.U.N.I.T.**
8. Press and release **ON/ZERO-Off**
9. The display will read **UnitS g**. To change to other units Press and release **PRINT-Unit** as many times as necessary
10. When the desired unit is reached Press and release **ON/ZERO-Off**
11. Press and release **PRINT-Unit** to toggle between **On** and **Off**
12. When the desired status is displayed Press and release **ON/ZERO-Off**
13. If the unit picked is Kg the display will read **UnitS kg**,
14. To skip the rest of the units repeatedly press and release **PRINT-Unit** until the display reads **END**. To activate more units repeat from step 9 above
15. Press and release **ON/ZERO-Off**
16. The display will read **.U.N.I.T.**
17. Press and release **PRINT-Unit**
18. The display will read **PRINT-Unit**
19. Press and release **ON/ZERO-Off**
20. The balance returns to the weigh mode.
21. When **PRINT-Unit** is held the enabled units of measure will be displayed at the right of the display. Release **PRINT-Unit** when the desired unit is displayed.

Scout Pro

Abbreviated Instructions

Parts Counting

To Turn on Parts Counting (PC)

1. Start with the balance off
2. Press and hold **ON/ZERO-Off** until the display reads **MENU** then release
3. The display will read **.C.A.L.**
4. Press and release **PRINT-Unit**
5. The display will read **S.E.T.U.P.**
6. Press and release **PRINT-Unit**
7. The display will read **.U.N.I.T.**
8. Press and release **ON/ZERO-Off**
9. The display will read **UnitS** and **g**
10. Repeatedly press and release **PRINT-Unit** until the display reads **UnitS** and **PC**
11. Press and release **ON/ZERO-Off**
12. The display will read **OFF**, **COUNT** or **Cnt.Enh.**
 - a. **Count** is normal counting with no re-calculation.
 - b. **Cnt.Enh** is enhanced counting, The Average piece weight will be re-calculated every time the added sample is less than the sample on the pan.
 - c. **OFF** turns off parts counting.
13. Press and release **PRINT-Unit** repeatedly until the display reads **COUNT** or **Cnt.Enh.**
 - a. Choose **COUNT** for normal counting – The average piece weight is never updated after it is first calculated
 - b. Choose **Cnt.Enh** for enhanced counting - The average piece weight is updated every time the number of parts added is less than what is already on the pan.
17. Press and release **ON/ZERO-Off**
18. The display will read **UnitS PC**
19. Repeatedly press and release **PRINT-Unit** until the display reads **END**
20. Press and release **ON/ZERO-Off**
21. The display will read **.U.N.I.T.**
22. Press and release **PRINT-Unit** until the display shows **E.N.D.**
23. Press and release **ON/ZERO-Off**
23. The display will return to the weigh mode

Scout Pro Abbreviated Instructions

To Use Parts Counting

1. Press and hold **PRINT-Unit** until the display reads **PC** then release
2. The display will read **Clr.Apu**
 - a. To keep the same average piece weight Press and release **PRINT-Unit**
3. Press and release **ON/ZERO-Off**
3. The display will read **Put 10.**
 - a. As an option press and release PRINT-Unit to change the sample size.
5. Place the selected number of parts on the pan
6. Press and release **ON/ZERO-Off**
7. The display will read the selected number of pieces and **PC.**
8. Place an unknown number of parts on the balance
9. The display will read the number of parts.
 - a. NOTE If **Cnt.Enh** was selected and the number of parts added is less than the total sample on the pan the balance will display **APU.Enh** and recalculate the average piece weight based on the new sample. The advantage is that the operator can continually get a better average piece weight without counting out a large number of parts.
10. As long as the average piece weight is not cleared it will remain, even if another unit of measure is used.
11. To clear the average piece weight and prepare for a new sample press and hold **PRINT-Unit** until **PC** is displayed again in the units part of the display, then release.
12. The display will read **Clr.APu**
13. Continue from step 3 above.
14. To exit parts counting press and hold **PRINT-Unit** until the desired unit is displayed.

Scout Pro

Abbreviated Instructions

To use Percent weighing

In order to use percent weighing the unit must be turned on, see above

1. Press and hold **PRINT-Unit** until the units display reads % then release.
2. The display will read **CLr.rEF**
 - a. To keep the stored reference press and release **PRINT-Unit**. The display will show **0.0%**
3. Press and release **ON/ZERO-Off**
4. The display will read **Put.rEF**
5. Place the 100% reference mass on the pan
6. Press and release **ON/ZERO-Off**
7. The display will read the weight of the reference mass
8. Press and release **ON/ZERO-Off**
9. The display will read **100%**
10. The weight of any mass placed on the pan will now be displayed as a percentage of the reference weight.
11. To clear the reference weight, remove any mass from the pan press and hold **PRINT-Unit** until the units display reads % then release.
12. The display will read **CLr.rEF**. You can now proceed from step 3.
13. To exit parts percent weighing press and hold **PRINT-Unit** until the desired unit is displayed.

Service Menu

Service Calibration

1. Turn the balance off.
2. Press and hold both buttons until the display shows **rAMP** then release.
3. Press and release the **PRINT-Unit** button
4. The display will show **Lin**
5. Press and release the **ON/Zero-Off** button
6. The display will show **-C-** blinking and then the first calibration mass.
7. Place the mass on the balance and press the **ON/Zero-Off** button
8. The display will show **-C-** blinking and then the second calibration mass.
9. Place the mass on the balance and press the **ON/Zero-Off** button
10. The display will show **-C-** blinking, then **Done**, then **Lin** again.
11. Press and release the **PRINT-Unit** button repeatedly until the display shows **End**
12. Press and release the **ON/Zero-Off** button
13. The balance will return to the weigh mode.

Scout Pro Abbreviated Instructions

Filling Process Set up

In order to use the Scout Pro in a filling process the Auto-Zero (**A-ZErO**) must be turned off

1. Turn the balance off
2. Press and hold both buttons until the display shows **rAMP**.
3. Press and release the **PRINT-Unit** button repeatedly until the display shows **A-ZerO**.
4. Press and release the **ON/Zero-Off** button.
5. If the display does not show **OFF** press and release the **PRINT-Unit** button until it shows **OFF**.
6. Press and release the **ON/Zero-Off** button.
7. The display will show **A-Ze rO**.
8. Press and release the **PRINT-Unit** button repeatedly until the display shows **End**.
9. Press and release the **ON/Zero-Off** button.
10. The balance will return to the weigh mode.