

PROSET® CC220 Series 100 KG Scale

CERTIFIED
Calibrated to standards traceable to the
National Institute of Standards and
Technology (NIST).



Specifications:

Working Load Capacity:	0-220lbs (100kg)
Overload Warning At:	220 lbs (100kg)
Operating Temperature:	14°F to 140°F or -10°C to 50°C
Operating and Storage Humidity:	0 to 95% non condensing
Resolution:	.25 ounces (10 grams)
Accuracy:	.015% of reading
Operating Power Source:	One 9V alkaline battery (ANSI 1604AC-IEC 6LR61) Extra compartment for optional 2 nd battery
Battery Life:	30 hours 60 hours with additional auxiliary battery installed
Battery Indicator:	Battery symbol with 3 segment Power Level Bar Graph
Weight:	5 lbs 10 oz. (2kg 550g)

Introduction

The CC220 is the state of the art weighing scale. The CC220 has been designed to be accurate, rugged and reliable over a large weighing span. The CC220 incorporates a hand held unit with 3 keys and an extra large LCD display for easy viewing. A space saving flex-cord interconnects between the hand held unit and the removable platform. The platform incorporates a corner adjusted, heavy-duty load cell.

Included with the CC220: mechanical hook and magnetic pad for the hand held positioning, a blow molded storage case, and one 9VDC battery.

Operation

The CC220 has one operating mode: WEIGHING. In the WEIGHING mode, the display shows the weight added or removed from the platform since the last time the unit was turned ON or the TARE key was pressed. The CC220 is also equipped with "Auto Shut Off" and "Smart Wakeup" features.

Key Functions

POWER key- Press once to turn power ON while it is OFF. Press and hold to turn power OFF while the unit is ON. On power up, the display will show "CPS" and the software revision number while the instrument performs initialization routines.

UNITS key- Press and hold for 1 second to change the current units (**kg** to **lbs** or **lbs** to **kg**).

Note: When turning the unit ON, it will display **kg** or **lbs** depending on the last display before shutting OFF.

TARE key- Press and hold to tare while the unit is ON

Weight Measurements

- 1) Place the scale on a level, rigid surface. Note: If gross weight reading is required, all objects should be removed from the platform.
- 2) Press **POWER** key to turn the unit ON. Wait for the LCD to display a zero weight reading. Note: The weight of any object on the platform is set to zero (Auto Tare).
- 3) Select the display units by pressing **UNITS** key.
- 4) The scale is now ready for weighing.

- 5) For refrigerant recovery, place a cylinder on the scale platform. The scale will display the gross weight of the cylinder and refrigerant.
- 6) For refrigerant charging, place a cylinder on the platform. Connect charging hose to the cylinder. Bleed air out of hose. Press the TARE key (LCD will now read zero). Open the cylinder valve. The LCD will indicate the amount of refrigerant being transferred in (-) negative numbers. Close cylinder valve when the desired charge amount is displayed.

When weighing has been completed, remove the object, press and hold the **POWER** key to turn the unit OFF.

Battery Indicator (with BAR GRAPH power level indicator)

The battery indicator is shown on the LCD as a battery shape outline with a 3 segment Power Level Bar Graph:

100% (3 segments) of Bar Graph-	Battery at 100% to 80%
67% (2 segments) of Bar Graph-	Battery at 80% to 60%
33% (1 segment) of Bar Graph-	Battery at 60% to 20%
0% (0 segments) of Bar Graph-	Battery at 20% to 5%
LO CELL displayed on LCD-	Battery below 5%, replace



Auto Tare and Overload Indications

The unit will tare off any weight less than 220lbs (100kg) while powering up. If the weight is more, the instrument will display “OL” to indicate an overload condition.

The “OL” message will also be displayed when the gross weight is more than 220lbs (100kg).

For example:

The unit starts with 200 pounds on its platform.

The display reads 0.00, Placing 25 additional pounds makes the unit display “OL”.

Auto Shut Off and Smart Wakeup features

Auto Shut Off- The unit will automatically shut off after 10 minutes if the weight on its platform does not change by more than 1oz (40g) in that period of time.

Smart Wakeup- The last weight reading is stored in non-volatile memory when the CC220’s Auto Shut Off feature has been activate. At this point, the user may press the Power Key to turn the unit back on and resume operation exactly at the same point as before the unit turned off in Auto Shut Off. A unique feature of Smart Wakeup is that any weight added or removed from the platform during the Auto Shut Off feature will be displayed.

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