

Instructions for AcuCount 602

AcuCount 602 is a product specifically designed to assist people who need to count money quickly and accurately. Its primary function is to total coins and/or tokens. Several features have been placed into this product that the average user should find most helpful in the course of their work day. AcuCount is extremely simple to use. Most functions require the user to only press a single button that is clearly marked on its display panel

[]= Indicates what button to press on the **display**.

Capacity: AcuCount 602 has the capacity to hold 60 lbs. of weight. If you exceed this limit a "ooooo" will appear on the (LCD). We recommend you not shock the scale by placing heavy weights on it suddenly. AC 602 can count: **\$170.00** in nickels, \$1,200.00 in dimes, \$1,200.00 in quarters in two (2) seconds.

Getting Started

1) First turn the scale on (a). master "ON" switch on the rear panel followed by (b) front panel button. [on/off] , Wait 5 seconds for it to self test. The (LCD) should read "0.00" 2) The scale is now ready to perform any of its functions. The AC 602 defaults into quarters.

2a) You may want to zero [-0-] out your container at this point. Do so by placing your container on the platform and pressing the [-0-] button. (LCD) will show "0.00 " again.

Counting Coin: [\$]

The (LCD) will show "0.00" with a small inverted triangle pointing towards "0.25 ". By pressing the [[\$] /units] repeated times AcuCount will advance to different denominations. First is quarters followed by three custom locations (pro 1),(Pro 2), then (Pro 3).These three locations can be customized by the end user. IE. Tokens, Bills, Nickels, Dimes, chips etc. The AC 602 comes from AcuCount as follows: Starts in Quarters, then Pro1 = one dollar, Pro2 = nickels, Pro3 = dimes.

Optional: In certain parts of the country and Canada coins can weigh different depending on the Mint. **We have a solution!** If you determine that our preset values for coin are different then your area follow the steps described below under "Programmable Settings". as well as of using "Pro. 1, Pro.2 or Pro.3." you can place a custom value where "Qtr", "Dime" and "Nik". are now located. The scale will still display the amount in question in monetary figures. We recommend for the sample at least 500 coins.

Piece counter

AC 602 is able to function as a piece counter.1. Press the sample key determine your sample amount. 2. Place sample on the AC 602. 3. Press sample again . Your 602 can now count the item in question. *NOTE: this value will erase once you turn off your AC 602 unless you program it into one of the programmable locations.*

Weight: [WT]

The scale is accurate up to 60 lb. and as little as 0.002 lb. or 0.005. This can be used for UPS, mail, checking weights, etc. To enter the Weight mode hold down the [0/ZERO] button until ----- appears then let go. You can now weight pounds = Lbs. To exit weight mode press the [\$/UNITS] button.

Sample 5 / 10 / 20 / 50 / 100 / 200 / 500 / 1000 / 2000 / 4000

As described below under the programmable settings section, the [sample] feature allows the user to get quick counts on items they do not routinely count. Unlike the programmable settings when the scale is turned off this feature is reset to 0. The lighter the individual sample or the more variance it may have, we recommend using the 100 / 200 / 500 count modes. To reach the 100 / 200 / 500 etc. count modes begin with the "LCD" displaying ("5 / 0"). Press the [Sample] button once more to have it set to ("10 0") and/or again .to have it display ("20 0") etc. . Place the requested amount of samples on the platform then press [Sample] again the LCD should read "5, 10, 20, 50, 100, 200, 500" etc. just place the random items on the platform and the scale will display the amount in question.

Programmable Settings: Pro. 1, Pro.2 & Pro.3.

AcuCount has placed (3) programmable settings in the piece counting mode to allow you to put in a permanent value to weigh tokens, chips, product etc.. Once the scale is programmed this value will be in place for as long as you decide. It will not erase if you turn off the scale. To program these positions you must create a sample. For this example we will use 100 tokens. First have 100 tokens available, press the [sample] button the (LCD) will show "5 0 pcs". Press the [Sample] button once more to have it set to ("20 0") and/or again to have it display ("50 0") and again ("100 0"). Place the requested amount of samples on the platform. Once the set indicator on the (LCD) comes back on, press the [sample] again to let the scale know this is 100 etc.. Once this process is done and the (LCD) shows "100 pcs" (depending on the size of your sample). Press the [\$] to bring the inverted triangle to "Pro. 1 ". As you reach "Pro. 1." hold the [\$] down for 5 seconds. The (LCD) will flash "SET", this will transfer the value to "Pro. 1" position. The (LCD) will keep you updated on your progress. The larger the sample the better your future results. The scale automatically averages the sample and self calculates the right value.

SCALE CALIBRATION PROCEDURE

1. Turn the scale off. While pressing and holding down the ZERO key, turn the scale back ON.
2. When the scale shows "- - - - -", you may release the ZERO key.
3. Press ZERO to zero the value. The scale shows "Zero" for a few seconds to indicate that it has acknowledged the key press.
4. Press the UNITS key to save the zero point value. The scale shows "Save" for a few seconds to indicate that it has acknowledged the key press, followed by "Set".
5. The display will momentarily prompt "C 1" for the span calibration, followed by "0.0", "0.00" or "0.000" depending on the scale capacity. The rightmost digit should be flashing
6. Use the four directional keys shown in Figure 6-1 to adjust the displayed value to the actual test weight value. Increase the flashing digit by pressing the PRINT key. Decrease the flashing digit by pressing the MR key. The position of the flashing digit may be changed by pressing the ZERO key or the SAMPLE key.
7. Place the test 10 lbs weight(s) on the platform and press the UNITS key to save the value. The scale shows "Save" for a few seconds to indicate that it has acknowledged the key press.

Accumulator features:

The AC 602 can keep track of your total.



[MR] - Memory recall.= total, [M+] – Adds what's on the platform to memory. [MC] – clears the memory. [PRINT] – will send the piece count and the total value to the optional printer.

5c	x	66	3.30
10c	x	89	8.90
25c	x	46	11.50
\$1	x	16	16.00

TOTAL			39.70

Helpful Hints

Battery Recharging: When the unit is plugged in automatically recharges. We recommend you plug it in when ever possible. The internal batteries should last for 10 to 20 hours of continuous use depending on the activity.

Coin values different then preset values: In certain parts of the country have a different avg. weight for their quarters follow the directions under "Optional" in the coin counting section.

Reset to factory settings:

1. A14 in the submenu . To activate (A) sub menu Press and hold \$/units button while turning it on

*Summary: Programming Coins, Bills & Open locations. (= display shows)

Before you begin, have 1000 average coins counted. = \$250.00 (Qrts.)

Before you continue have an empty container on the unit to hold the 1000 pcs.

1. Turn unit ON and wait 10 seconds. = 0 . 00.
2. Press the SAMPLE eight times. = 1000 0 pcs .
3. Place 1000 coins on the platform. = 1000 - pcs "
4. Press SAMPLE = 1000 pcs
5. Press \$ button 3 times and hold it on your last 4th press. = 250 . 00 (you just reprogrammed quarters)

(If need be, repeat this process for other coins)

Questions call 800-518-8395

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APPENDIX D: NOTES ON OPTIONAL BATTERY

D.1 OVERVIEW

Your scale contains an internal lead-acid rechargeable battery. Before using the scale for the first time, please charge the battery overnight.

The scale's battery should operate for about 10 hours if left on continuously. Therefore, greater usage times can be achieved by selecting an appropriate Auto Power Off Period under **A5** of the User Menu.

The battery can be charged while ON or OFF and the scale can be operated while it's charging.

D.2 WHEN TO CHARGE THE INTERNAL BATTERY

1. The best time to charge the sealed lead-acid type battery is any time the scale is not in use. You do not have to wait for the Low Battery Indication – in fact it's best you don't. Charging the battery when the scale is not in use keeps the battery "fresh" and is the recommended way to manage your scale's battery.
2. When the battery needs to be charged, the Low Battery Indicator will appear in the upper left-hand corner of the display. The scale may be used for an additional 15 to 30 minutes without damage to the internal battery. ***If the scale is used for more than 30 minutes after a low battery indication, permanent damage may occur to the battery and/or the battery may not accept a charge.***

NOTE: When a low battery indication occurs, the scale automatically shuts off after 5 minutes of idle use.

D.3 HOW TO CHARGE THE INTERNAL BATTERY

1. Connect the charger (AC Adapter 12 VDC, 800mA) to the scale, and then plug the charger into an AC outlet. ***Make sure that the AC voltage appearing at the wall outlet matches the input voltage marked on the AC adapter.***
2. After the charging period expires, unplug the charger from the AC outlet, then from the scale. The scale is now ready for use under its own battery power.

NOTE: The charger may be left connected to the scale indefinitely without damage to the internal battery.

D.4 HOW LONG TO CHARGE THE INTERNAL BATTERY

In general, the battery should be allowed to charge a minimum of 1.5 hours for every hour of use.

If you discharge the battery below 50% and do not allow the proper time for charging, you may notice a decline in the usage period. This is due to the battery's reluctance to accept a charge.