

# Avery Weigh-Tronix

## G236 High Precision Counting Scale

An easy-to-operate, no-nonsense digital counting scale that weighs extremely light parts and reduces the time required to count, with accuracy of 99% or better.



**M**anufacturers and suppliers of small components for computers, communications equipment, electronics and other products know the importance of accurate counting and weighing. Counting parts that are so small and light that they can barely be seen is a daunting and time-consuming process that is prone to error.

Now even small-component manufacturers and suppliers have a counting scale alternative that ensures accuracy and reduces time required to count parts. The Avery Weigh-Tronix G236 digital counting scale has the ability to weigh parts as light as 0.00005 kg in less time with accuracy of 99% or better.

## The Importance of Accuracy to your Business

Companies need counting scales for inventory and quality control.

Achieving inventory control requires a delicate balance. Too much inventory is money sitting on the shelf that could be put in the bank. Too little inventory means manufacturing down time and missed shipments. An accurate parts inventory leads to greater efficiency at a lower cost — essential for every industry.

Maintaining quality control is also critical. Companies want to give their customers exactly what they paid for. Time and again, shipping less than ordered leads to dissatisfaction and lost customers. Accuracy translates to freeing up of capital and satisfied customers.

## Which Scale is Right for Your Company?

Avery Weigh-Tronix, the inventor of the electronic counting scale, continues to lead the market with innovative technology at affordable prices. As you are evaluating scales, ask yourself the following:

- 1. Is it easy to operate?** A counting scale that is difficult to operate or requires multiple keys strokes leads to confusion and inaccuracy—the reason you purchase a counting scale in the first place. Avery Weigh-Tronix counting scales are simple, flexible and easily operated with one keystroke.
- 2. What is the risk of operator error?** Increasing the number of parts hand-counted during the sampling process increases the risk of human error. The G236 will not allow counting to continue until there is an adequate sample size (0.02% of scale capacity) to get to the accuracy rate you select.
- 3. How accurate is the scale?** Counting scales with different internal resolutions have different levels of accuracy. It's like measuring the diameter of a steel bar in 6 mm increments, 3 mm increments or a micrometer. Avery Weigh-Tronix counting scales use T750 Vibrating Beam Load Cell technology to achieve superior count performance and unequalled internal resolution and accuracy.

## Top-of-the-Scale Customer Support.

The Avery Weigh-Tronix authorized distributor network provides local service and complete technical support throughout the world. These experienced distributors are not only scale specialists, but are dedicated to helping you keep your business running as smoothly as possible.

The G236 is easy-to-operate, no-nonsense digital counting scales that weigh extremely light parts and reduce the time required to count, with accuracy of up to 99%. Ask your distributor for more information about these high-precision scales.



G236 with draft shield.



# G236 High Precision Counting Scale

## Features and Benefits:

**Full Keypad:** Lets operators enter and recall known piece weights and tare weight.

**Operator Friendly:** Simple one-keystroke operation ensures correct use. Three dedicated keys draw operator to most used keys: ZERO, TARE and SAMPLE. The SAMPLE key automatically zeroes the scale, prior to weight being applied.

**Printer Ready:** Comes ready to connect to bar code label printer, eliminating the need to continually sample. Includes 14 label formats: 8 AWT dot matrix printers, 3 Dymo Costar and 3 Zebra Model 2844.

**RS232 Output:** Standard link to printers or computers.

**Two Power Saving Modes:** Puts the scale to "sleep" when not operating and allows extended battery operation.

**Calibration:** Front panel access, including 2 alternate calibration weight selections.

**Backlit Displays:** Increases visibility in poorly lit areas.

**Count Methods:** Bulk, dribble, multiple reverse count methods, piece weight entry.

**Displayed & Piece Weight Entry:** Displayed or enter via key pad up to six decimal places

**Grams Piece Weight Entry:** Allows you to enter a piece weight in grams, when scale is configured for kg.

**Piece Weight Update:** Automatically updates displayed piece weight until the gross weight has reached twice the original sample weight.

## Options:

**External Battery Operation:** Mounted underneath the scale offering up to 20 hours of continuous operation. Spare battery packs can be changed quickly for continuous battery operation.

**Remote Base Switching:** Automatically switches from internal (local) base to the optional remote base after a sample is performed.

**Remote Battery Charger:** Charges two external batteries at the same time.

**Ball Top Kit:** 305 mm x 356 mm platforms only, stainless steel using 9 roller balls.

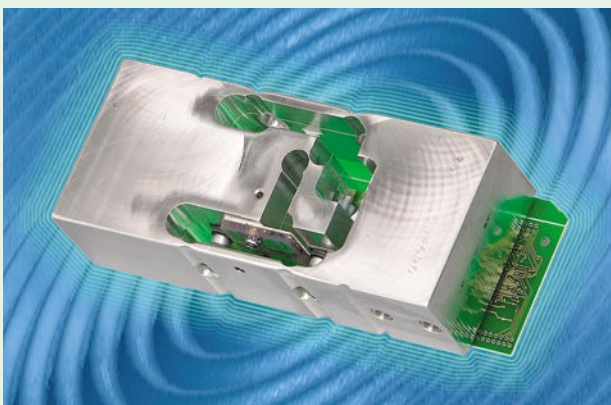
**Draft Shield:** Recommended for use on 5 kg models to reduce external interference.



H305 and H520 remote bases.



G236 with optional printers.



## Vibrating Beam® Digital Transducer

The revolutionary pure digital transducer uses 25 million internal counts to provide displayable resolution of 2 million. This superior resolution allows the G236 to count with unparalleled accuracy. You can also count smaller parts with greater accuracy using smaller sample sizes. The T750 Vibrating Beam Load Cell technology provides:

- ◆ Higher resolution than traditional analog load cells, up to 6,000 divisions type approved
- ◆ Load cell capacities of 5, 12, 25 and 50 kg.
- ◆ More durability than other high-resolution load cells

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## Product Specifications

Local Non-Approved Configurable Displayed Resolution Settings – Configure scale to meet customer application:

*Configurable Displayed Resolution Settings – kg*

Scale Capacity	5,000 – 6,000 d	10,000 – 12,500 d	factory default	50,000 – 60,000 d	100,000 – 125,000 d
5 kg	0.001	0.0005	0.0002	0.0001	0.00005
12 kg	0.002	0.001	0.0005	0.0002	0.0001
25 kg	0.005	0.002	0.001	0.0005	0.0002
50 kg	0.01	0.005	0.002	0.001	0.0005

*Configurable Displayed Resolution Settings – grams*

Scale Capacity	5,000 – 6,000 d	10,000 – 12,500 d	factory default	50,000 – 60,000 d	100,000 – 125,000 d
5,000 g	1	0.5	0.2	0.1	0.05
12,000 g	2	1	0.5	0.2	0.1
25,000 g	5	2	1	0.5	0.2
50,000 g	10	5	2	1	0.5

*Local EU Approved Displayed Resolution Settings – G236 is type approved using 2 stage AVR settings at up to 6,000 divisions*

Scale Capacity	AVR Stage 1	AVR Stage 2
5 kg	0 – 1.2 x 0.0002 kg	1.2 – 5 x 0.001 kg
12 kg	0 – 3 x 0.0005 kg	3 – 12 x 0.002 kg
25 kg	0 – 6 x 0.001 kg	6 – 25 x 0.005 kg
50 kg	0 – 12 x 0.002 kg	12 – 50 x 0.01 kg

**Internal Resolution:** 1:2,000,000.

**Number of weight divisions:** Factory default of 1:25,000, adjustable up-to 1:125,000.

**Optional Analogue Remote Base:**

EU Approved as Indicator up to 6,000d

Remote base capacity configurations available for 60, 150, 300, 600, 1,200, 1,500, 3,000, 6,000, and 12,000 kilograms.

**Dimensions:**

*Weighing Platform:*

31.5 x 35.75 cm (12.6" X 14.08") 25, 50 & 100 lb capacity  
20.3 cm (8") diameter, 10 lb capacity

*Display Assembly:*

12.86" x 6.31" (32.65 x 16.02 cm)

*Overall Dimensions:*

17.50" x 14.08" x 4.25-5.25" (44.5 x 35.75 x 10.8-13.3 cm)

**Construction:** Die-cast aluminum base and load bridge, stainless steel weight platter. ABS plastic display assembly.

**Display:** Large 13 mm H 7-digit / 7-segment backlit LCD display.

**Keypad:**

20 keys: Sample (on/off), tare, zero, count/weight switching, print (transfer data), units, piece weight, clear, recall/decimal point, base, and numeric keypad.

**Counting Accuracy:** Selectable from 95%, 98%, 99%.

**Power Saver Modes:** Selectable modes of 5, 10, 20, 30, and 60 minutes for auto shut-off and adjustment of backlight to auto, or off to increase battery performance.

**Electrical Data :**

*Universal Mains:*

Input: 100-240V/0.5-0.2A 50/60Hz

Output: 9 VDC/1.84A

In-line power supply with universal 3-prong inverted plug (UL/CSA and CE approved).

Power Cord and Universal plug adapters

Includes a 2 meter power cord and universal plug adapters for UK and Continental Europe

**Internal / External Battery:** Sealed lead acid with full charge value of 6.8 ± .1 volts at 2.8 AH.

**Operating Environment:**

+5 to 40 degrees C (Class III Device)

+5 to 35 degrees C (Class II Device)

10 to 90% RH, non-condensing

**Agencies:**

NTEP 12,500 divisions pending, Class II

OIML 6,000 divisions pending, Class III



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