

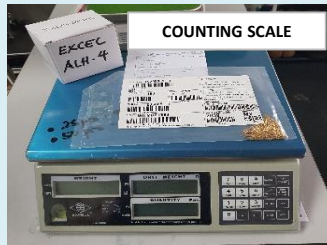
MICRON ADVANCE TECHNOLOGY PLT

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WEIGHING SCALES & LOADCELL TECHNOLOGY

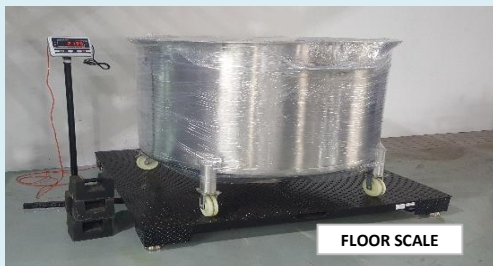
A *balance* compares the torque on the arm due to the sample weight to the torque on the arm due to a standard reference weight using a horizontal lever. Balances are different from scales, in that a balance measures mass (or more specifically gravitational mass), where as a scale measures weight (or more specifically, either the tension or compression force of constraint provided by the scale).



Counting scales are versatile weighing machines that can be used for counting and weighing objects simultaneously. Typical applications include checkweighing, for checking the weight of objects against a pre-set limit to performing accurate parts counting procedures to reduce manual counting.

A load cell is a transducer which converts force into a measurable electrical output. Although there are many varieties of load cells, strain gage based load cells are the most commonly used type.

Load cell designs can be distinguished according to the type of output signal generated (pneumatic, hydraulic, electric) or according to the way they detect weight (bending, shear, compression, tension, etc.)



A floor scale has many practical uses. A scrapyards uses a floor scale for **weighing scrap metal and other recyclable materials**. A warehouse uses a floor scale to weigh pallets, boxes and containers.

A digital scale is a **measuring device that reads and displays the weight of an object**. Unlike an analog balance scale, a digital scale is a high-quality scale that gives a more correct weight reading.



Our indicators provide power and flexibility at an affordable price. They perform in a wide range of applications from batching to simple weighing. They are reliable, accurate, and easy to install.



Platform Scale is an **industrial weighing instrument consisting of a platform coupled to an automatic system of levers and adjustable weights**, used to weigh large or heavy objects. A platform scale is a weighing machine with a platform to hold the object or objects being weighed.

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CALIBRATION SUPPORT



A weighing scale is an important tool in many industries, including food service, shipping and anything in which the weight of a product affects the bottom line. An inaccurate scale can lead to improper weighing stats and could prove costly.

On a personal level, weighing scales can be instrumental in helping individuals maintain and control their health by signaling when they need to gain or lose weight. Correctly calibrating your weighing scale is key to ensuring that your results are accurate and to providing peace of mind.



GOVERNMENT STAMPING SUPPORT

What the Government does is, checks the weighing scale and if it is proper it would seal the scale. So if the scale has a Government stamping seal, you can be sure that the scale is not tampered with. Moreover, the government also issues a certificate of authenticity with the details of the scale and the Legal Metrology Inspector who has verified the scale and in whose presence the scale has been stamped.



PM, SERVICING & REPAIRING SUPPORT

Preventive maintenance (PM) is "a routine for periodically inspecting" with the goal of "noticing small problems and fixing them before major ones develop." Ideally, "nothing breaks down."

Repair is to restore to good working order & fix up properly or improve damaged condition. Which sometimes include the Replacement of certain Parts within.

