

Shimadzu launches new analytical balances

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Shimadzu announced the addition of three high-sensitivity semi-micro analytical balances to its AP-W series lineup. The new models, AP135W, AP125WD, and AP225WD, feature a minimum reading of 0.01 mg.

These new models take approximately two seconds to obtain a final measurement reading, enabling high-speed measurement. They are also equipped with a buffer solution preparation function to assist the concentration adjustment and mixing for customers using high performance liquid chromatographs (HPLC). In addition, once they are connected to the Shimadzu LabSolutions Balance measurement data management system, integrated data management can be performed with other Shimadzu analytical instruments in an environment that complies with electronic record and electronic signature regulations.

In addition, incorporating the optional STABLO-AP ionizer in the balance will eliminate, in approximately one second, static electricity that can affect measurements, thus heightening the reliability of the measurement results.

These analytical balances are mainly used to weigh reagents and other chemicals necessary when using analytical instruments. They are applicable in a variety of industries, including pharmaceuticals, chemistry, and food products.