

Introduction of digital recording balances

Thermo Fisher Scientific, Process Instruments, Newington, USA

The Thermo Scientific CAHN D-Series recording balances are PC computer controlled and feature high-resolution digital electronics, wide dynamic weighing ranges, computer control, data acquisition and analysis.

Models are available to allow:

- Up to 100 grams capacity
- Sensitivity to 0.1 μg
- High pressure to 1500 psi

All models feature:

- High corrosion resistance
- Excellent vacuum capability
- Large weight changes recorded in high resolution
- Exceptionally low electronic and temperature drift
- Large assortment of glassware
- Complete software package included
- Temperature recording options

The weighing mechanism is mounted on a $\frac{1}{2}$ inch thick anodized Aluminum base plate which is covered by a Stainless Steel dome. Below the base plate are ports for the sample and tare tubes. The baseplate is milled from a nearly two inch thick block to eliminate any welds and possible vacuum leaks. All internal parts are anodized, gold plated or Teflon coated to resist corrosion and reduce out-gassing.

Thermo Scientific CAHN can provide a wide variety of glassware and mounting options for the Digital balances. Call with your requirements or for additional information.

All Thermo Scientific CAHN balances are backed by a one year warranty, with additional service plans available.



High Mass Model D-101 (with dome removed)



Ports on the bottom of the base-plate



Balance Glassware

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