

Triple-Beam Balance

for weighing chemicals, measuring specific gravity, and general laboratory use

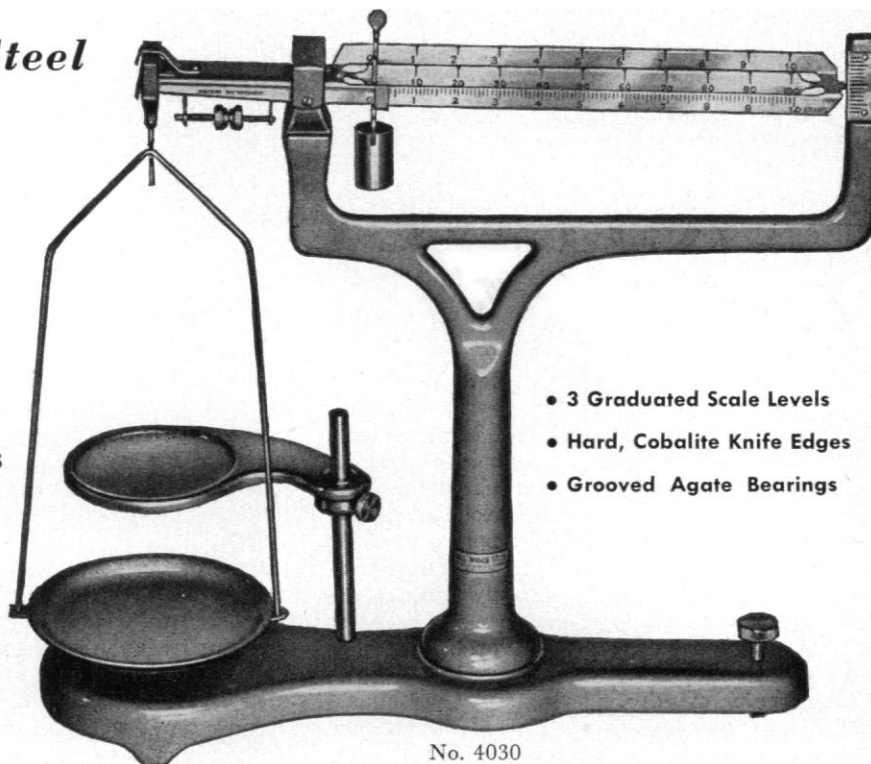
Stainless Steel

- **Sensitive**
- **Fast**
- **Accurate**

Capacity 111 grams

(201 grams using
auxiliary weight)

**SENSITIVE TO
0.01 grams or less**



No. 4030

This Balance is recommended for weighing chemicals, measuring specific gravity, and for general laboratory use wherever high sensitivity is required. It reads directly to 0.01 gram and is sensitive to load changes smaller than this. Its capacity is 111 grams and, using the auxiliary weight listed below, the capacity can be increased to 201 grams.

This is a convenient balance. The beam is constructed of one piece, the three scales being at slightly different levels where they are easy to read and their riders are easy to manipulate. The riders cannot be removed and lost. Zero setting is fast because the final adjustment—which is often done carelessly because it takes so long with other balances—is accomplished by a leveling screw in the base. The usual threaded zero-adjusting weight is provided on the beam but is needed only for rough adjustment.

Significant resistance to corrosion has been achieved by making every exposed metal part of this balance of stainless steel. The base and beam support are beautifully finished in durable, easy-to-clean, baked-on, silver-gray Hammerloid.

The gradual deterioration of the knife-edges and bearings experienced in other balances has been

sharply reduced by making the knife-edges of Cobalite, a very hard, non-rusting metal which retains its original true edge for an exceptionally long time. The grooved agate bearings are designed and protected in such a way that they are rarely damaged. Yet they are readily accessible for occasional cleaning.

The middle scale weighs up to 100 grams in 10-gram notched steps, the rear scale to 10 grams in 1-gram notched steps, and the front scale to 1 gram by a rider sliding over a scale graduated to 0.01 gram. All numerals and graduations are etched and filled black. An adjustable platform for specific-gravity determinations, and which may also be used to hold the pan from swinging during transportation, is included.

The balance is 13 inches long and 11 inches high. The pan is 4 inches in diameter and removable, and the hanger is 10½ inches high.

4030. TRIPLE-BEAM BALANCE, High Form.
Each, \$27.50

4031. AUXILIARY WEIGHT. For use on the 100-gram notch of No. 4030 Balance to increase weighing capacity from 111 grams to 201 grams.
Each, \$1.50

W. M. WELCH SCIENTIFIC COMPANY

DIVISION OF W. M. WELCH MANUFACTURING COMPANY

ESTABLISHED 1880

1515 Sedgwick Street, Dept. E Chicago 10, Illinois, U. S. A.

Manufacturers of Scientific Instruments and Laboratory Apparatus