



Accuris™ Analytical Balances

Accuris Series Tx & Series DX

- ➔ **Upgraded Weighing Performance**—Electromagnetic Force Restoration (EFR) technology, fast response and stabilization, and automatic internal calibration
- ➔ **Refined Control Panels**—Enhanced color touch screen (Tx) and graphical display (Dx) interface significantly improve ease of use
- ➔ **Space Saving**—A careful redesign of our weigh cell assemblies has allowed us to pack more technology into a compact, 8 x 15 inch footprint
- ➔ **Convenient Connectivity**—Optional thermal printer or USB flash drive can be used for result documentation
- ➔ **Semi Micro Class (W3002A-120)**—Readability of 0.00001 - 62 g, and 0.0001 g up to 120 g

Accuris Analytical Balances

- ➔ Readability to 0.0001g (0.1 mg).
- ➔ Multiple mode options (standard weighing, count mode, & percent).

Accuris Precision & Compact Balances

- ➔ Readability to 0.001 g (Precision) 0.1 - 0.01 g (Compact)
- ➔ Multiple mode options (standard weighing, count mode, & percent)

TECH TIP

Easy In-Lab Calibration Feature

All Benchmark balances can be calibrated in the lab using an external calibration weight.

Typically, calibration is done at max capacity (however, multiple point calibration can also be done).

When an in lab calibration is performed, the balance will meet the published accuracy through the full range of the balance



ACCURIS CALIBRATION WEIGHTS (F1 GRADE)

PART NO	DESCRIPTION
W1000-100	100 g
W1000-200	200 g
W1000-500	500 g
W1000-1000	1,000 g

ACCURIS LABORATORY BALANCES

PART NO MODEL	W3002A-120 Series Tx	W3101A-120 Series Dx	W3100-210 Analytical Balance	W3200-500 Precision Balance	W3200-1200 Precision Balance	W3300-500 Compact Balance	W3300-1200 Compact Balance
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Capacity	120 g*	120 g*	210 g	500 g	1200 g	500 g	1200 g
Readability	62 g x 0.00001 g / 120 g x 0.0001 g	0.0001 g	0.0001 g	0.001 g	0.01 g	0.01 g	0.1 g
Linearity	± 0.05 mg / ± 0.2 mg	± 0.2 mg	± 0.2 mg	± 0.002 g	± 0.02 g	—	—
Repeatability	± 0.03 mg / ± 0.21mg	± 0.1 mg	—	± 0.001 g	± 0.01 g	—	—
Pan Size	80 mm		9 cm/3.5"	115 mm /4.5"	160 mm/6.3"	11.5 mm/4.5"	16 cm/6.3"
Draft Shield	Yes, glass		Yes, glass	Yes, glass	No	Yes, plastic	No
Weighing Units	g, mg, carats, oz, lbs, dwt, t oz, gn, %		g, oz, lb, ct	g, oz, ct, %	g, oz, ct, %	g, oz, ct, pieces, %	g, oz, ct, pieces, %
Calibration	Internal Quick Cal & External		External	External	External	External	External
Display	5.25 x 1.5" color touch screen (Tx) Back Lit, Dot Matrix, LCD (Dx)		LCD	LCD	LCD	LCD	LCD
Output	USB & RS232		RS232	RS232	RS32	RS232	RS232
Dimensions	13.5" x 8.5" x 13"		12.5" x 18.5" x 11"	8" x 13.75" x 12.25"	8" x 13.75" x 3.5"	7.5" x 11" x 3.1"	7.5" x 11" x 3.1"

*220 g capacity model is available. Please contact sales for more information.