420 SERIES

DIGITAL PRECISION BALANCE SCALES

Model 420-3000 with larger size platform

Model 420-100

Air shield included with all models, except 420-3000

FEATURES:

- Intuitive and easy to use
- Accuracy to 10 milligrams
- Air shield included for precise measurement (included with all models except 420-3000)
- Counting mode
- 8 different units of measure
- RS232 serial port for printer output
- Nearly one-inch-high (23-mm-high) bold digits with blue backlight
- Polycarbonate body with stainless steel tray
- Built-in rechargeable battery included
- Class II legal for trade

420 Digital Precision Balance Usage:

- Weighing herbs, cannabis, gourmet coffee and tea shops, jewels, and precious metals (gold and silver) in retail business with 10, 20, or 50 mg precision.
- Weighing chemicals, powders in laboratories (schools, universities, industrial and agricultural).
- Hospital use weighing blood bags (blood and blood components), patient medical waste samples, and pill counting in hospital pharmacies.

- Weighing ingredients for recipe making, baking (especially pastry shops), and soap making.
- Inventory counting for small high value items (electronic components, jewels) with 10, 20, or 50 mg precision.
- Counting prize tickets and/ or game coins (tokens) at gaming centers.

NTEP — NATIONAL CONFERENCE ON WEIGHTS AND MEASURES — LEGAL FOR TRADE

OIML

DETECTO®

www.Detecto.com

(Excluding models 420-100 and 420-2000)

Bulletin No. D299A

DETECTO'S 420 SERIES IS IDEAL FOR WEIGHING CANNABIS, PRECIOUS METALS, COFFEE/TEA, AND HOSPITAL USE.

DETECTO's 420 series scales weigh in grams, kilograms, metric carats, avoirdupois drams, avoirdupois ounces, avoirdupois pounds, grains, and penny weight.

MODEL	SPECIFICATIONS	
420-100	Capacity and Division Value	100 g x 0.01 g
420-2000		2000 g x 0.02 g
420-600	Capacity x Verification Interval "e" / Division "d"	600 g x e = 0.1 g / d = 0.01 g
420-1200		1200 g x e = 0.2 g / d = 0.02 g
420-3000		3000 g x e = 0.5 g / d = 0.05 g
	Weight Display	Seven-digit, seven segment LCD, 0.9-inch (23 mm) high digits with blue backlight
	Functions	Weight, Counting
	Keys	ON/OFF, TARE, ZERO, SMPL (Sample), CAL (Calibration), UNIT, and PRINT
	Communication Interface	RS232
	Power Requirements	Built-in rechargeable battery (6V DC/2.8 Ah) or 100 to 240V AC 50/60Hz 12V DC 1000 mA wall plug-in UL/CSA listed AC power adapter
	Tare	100% of scale capacity
	Enclosure Type	Polycarbonate body with SUS304 stainless steel tray
	Shipping Weight	6.8 lb (3.1 kg)
	Dimensions	8.6 in W x 11.5 in D x 3.2 in H (219 mm W x 292 mm D x 80 mm H)
	Dimensions with Air Shield	8.6 in W x 11.5 in D x 6.9 in H (219 mm W x 292 mm D x 176 mm H)
420-3000	Tray Size	7.4 in W x 5.8 in D (188 mm W x 148 mm D)
All other Models		5.7 in W x 4.5 in D (145 mm W x 115 mm D)
	Operating Environment	Temperature Range: 50 to 104 ºF (10 ºC to 40 ºC), Humidity: 40 to 85%
	Storage Environment	Temperature Range: 50 ºF to 86 ºF (10 ºC to 30 ºC), Humidity: 0 to 95%
420-600 420-1200 420-3000	Approvals	NTEP – Certificate of Conformance No. 20-049 OIML – R76/2006-A-DK2-2020.09 EU Type Approval – 0200-NAWI-08686

Class II Legal for Trade

*RS232 serial port located on the back of the scale that may be used to send weight and associated data to a printer or other RS232 device. The port can be configured to send data continuously, send when a stable weight is obtained, or when the **PRINT** key is pressed.*

DETECTO®

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