

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.



 **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 °F (10 °C to 40 °C), Humidity: 40 to 85% |
| Storage Environment | | Temperature Range: 50 °F to 86 °F (10 °C to 30 °C), 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.



102 E. Daugherty, Webb City, MO 64870 USA
Ph: 417-673-4631 or 1-800-641-2008 Fax: 417-673-5001
www.Detecto.com

SOLD BY: