Shimadzu UW/UX Series Electronic Balances

**Standard Features**

- Units of measure: g, kg, mg, percent, pcs, ct, mom, lb, oz, ozt, tael (Hong Kong, Singapore, Taiwan, Malaysia, and China), dwt, GN, t (tola), d (density—solid, liquid), user
- Quick response and high stability
- Date and time
- Windows® Direct allows the balance to communicate directly with Windows applications without additional software
- Backlit Liquid Crystal Display (LCD)
- Automatic printing
- High resolution models can accurately detect minute changes in a large mass
- Below-balance weighing hook for hanging measurement
- Peak hold
- Specific gravity measurement including software

**UW Series additional features**

- Self-adjustment to environmental conditions (PSC)
- Clock-CAL—Automatic calibration at user selected times
- Internal calibration feature allows calibration to be made anytime with key-touch operation
- RS-232C
- GLP/GMP/ISO conformance
- Analog display modes: capacity bar graph, target weighing, checkweighing
- Piece counting
- Animal weighing

**Specifications**

**OVERALL DIMENSIONS (APPROX.):**
- 7.5" W x 12.5" D x 3.1" H
- (190 mm W x 317 mm D x 78 mm H)

**OPERATING TEMPERATURE:**
- 41°F to 104°F (5°C to 40°C)

**LINEARITY:**
- UW/UX220H, UW/UX420H, UW/UX620H: ±0.002
- UW/UX220H, UW/UX4200H, UW/UX6200H: ±0.02
- UW/UX420S, UW/UX820S: ±0.01
- UW/UX4200S, UW/UX8200S: ±0.11

**RESPONSE TIMES:**
- UW/UX220H, UW/UX420H, UW/UX620H, UW/UX220H, UW/UX4200H, UW/UX6200H: 1.5 – 2.5s
- UW/UX420S, UW/UX820S, UW/UX4200S, UW/UX8200S: 0.7 – 1.2s

**MINIMUM DISPLAY:**
- UW/UX220H, UW/UX420H, UW/UX620H: 0.001 g
- UW/UX420S, UW/UX820S: 0.1 g
- UW/UX4200S, UW/UX8200S: 0.1 g

**TEMP. COEFFICIENT OF SENSITIVITY:**
- UW/UX220H, UW/UX420H, UW/UX620H, UW/UX2200H, UW/UX4200H, UW/UX6200H: ±3 ppm/°C, ±3 ppm/°C (10°C to 30°C) (50°F to 86°F)
- UW/UX420S, UW/UX820S, UW/UX4200S, UW/UX8200S: ±5 ppm/°C, ±5 ppm/°C (10°C to 30°C) (50°F to 86°F)

**INPUT/OUTPUT TERMINALS:**
- RS-232/AUX connector for input/output via RS-232 interface and for output for relay and foot switch
- Data I/O connector for electronic printer
- RMT DSP connector for external display
- KEY connector for application keyboard

**PAN SIZE:**
- 108 x 105 mm (4.3" x 4.1") diameter
- 6.7" W x 7.1" H (170 x 180 mm)

**WARRANTY:**
- 5-year limited warranty

Windows is a registered trademark of Microsoft Corporation

Specifications subject to change without notice