

## Acculab® Atilon

## Precision/Precision Industrial Balances



### STANDARD FEATURES

- Internal motorized calibration
- Advanced microprocessor for reliable weighing results
- Digital filtering and fast stabilization
- Stainless steel weighing platform
- Percent weighing for solids, moisture loss, formulation, quality control
- Net totaling for formulation
- Full range subtractive tare
- Keypad confirmation audio tone
- Multiple units of measure
- Backlit amber LCD
- Application programs for weighing unit toggle, counting, percent weighing, net-total, totalizing, animal weighing, calculation, density determination

### SPECIFICATIONS

#### REPEATABILITY (STD. DEVIATION):

≤ 0.01g  
ATL-8201-1: ≤ 0.1g

#### LINEARITY:

ATL-4202-1: 0.02g  
ATL-2202-1: 0.02g  
ATL-822-1: 0.03g  
ATL-8201-1: ≤ 0.3g

#### CORNER LOAD:

ATL-4202-1: 0.04g  
ATL-2202-1: 0.04g  
ATL-822-1: 0.03g  
ATL-8201-1: ≤ 0.3g

#### WEIGHING MODES:

User defined, kilogram, carat, pound, ounce, troy ounce, Hong Kong tael, Singapore tael, grain, pennyweight, milligram, parts per pound, chinese tael, momme, Austrian carat, tola, baht, mesghal, ton, lb/oz, newton

#### OPERATING HUMIDITY:

Less than 95% RH

#### OPERATING TEMPERATURE RANGE:

10°- 30°C (273-303K, 50°- 86°F)

#### ALLOWABLE AMBIENT OPERATING TEMPERATURE:

41°F to 104°F (5°C to 40°C)

#### SENSITIVITY DRIFT (WITHIN 10° TO 30°C):

ATL-4202-1: ≤ ± 2 × 10<sup>-6</sup> 1/K  
ATL-2202-1: ≤ ± 2 × 10<sup>-6</sup> 1/K  
ATL-822-1: ≤ ± 5 × 10<sup>-6</sup> 1/K  
ATL-8201-1: ≤ ± 10 × 10<sup>-6</sup> 1/K

#### STABILIZATION TIME (TYPICAL):

ATL-4202-1: 1.1 second  
ATL-2202-1: 1.1 second  
ATL-822-1, ATL-8201-1: 1.0 second

#### ADAPTATION TO AMBIENT CONDITIONS:

By selection of 1 of 4 optimized filter levels

#### DISPLAY UPDATE:

0.1-0.4 (depends on filter level selected)

#### WEIGHING PAN SIZE

ATL-4202-1: 7.09in x 7.09in (180mm x 180mm)  
ATL-8201-1, ATL-2202-1: 7.09in x 7.09in (180mm x 180mm)  
ATL-822-1: 4.53in (115mm) dia

#### DIMENSIONS (W x D x H):

ATL-4202-1: 9.06in x 11.93in x 3.58in (230mm x 303mm x 91mm)  
ATL-2202-1: 9.06in x 11.93in x 3.58in (230mm x 303mm x 91mm)  
ATL-822-1: 9.06in x 11.93in x 3.58in (230mm x 303mm x 91mm)

#### SHIPPING WEIGHT:

ATL-4202-1: 12lb  
ATL-2202-1: 12lb  
ATL-822-1: 9lb  
ATL-8201-1: 11lb

#### AC POWER REQUIREMENTS:

AC adaptor, 115V or 230V, +15% - 20% (included)

#### FREQUENCY:

50-60Hz

#### POWER CONSUMPTION (AVG.):

Maximum 16VA; typical 8 (STNG6)

#### WARRANTY:

Two-year limited warranty