

## Acculab® Atilon

Analytical/Milligram Balances



Analytical Balance

Milligram Balance

### STANDARD FEATURES

- Advanced microprocessor for reliable weighing results
- Digital filtering and fast stabilization
- Stainless steel weighing platform
- Variety of weighing applications
- Percent weighing for solids, moisture loss, formulation, quality control
- Filtering for unstable ambient conditions
- Net totaling for formulation
- Full range subtractive tare
- Keypad confirmation audio tone
- Multiple units of measure
- Backlit amber LCD
- AC operation (AC adapter included)
- Applications programs for weighing unit toggle, counting, percent weighing, net-total, totalizing, animal weighing, calculation, density determination

### SPECIFICATIONS

#### CORNER LOAD:

ATL-423-I:  $\leq \pm 0.003$  g  
ATL-153-I:  $\leq \pm 0.004$  g

#### EXTERNAL CALIBRATION WEIGHT:

ATL-224-I: 200 g (E2)  
ATL-124-I: 100 g (E2)

#### WEIGHING MODES:

User defined, gram, kilogram, carat, pound, ounce, troy ounce, Hong Kong tael, Singapore tael, momme, Austrian carat, tola, baht, mesghal, ton, lb/oz, newton

#### AUDIO TONE:

yes (keypad confirmation)

#### 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):

Analytical, ATL-423-I:  $\leq \pm 2 \times 10^{-6}$  1/K  
ATL-153-I:  $\leq \pm 5 \times 10^{-6}$  1/K

#### STABILIZATION TIME (TYPICAL):

ATL-423-I: 1 second  
ATL-153-I: 1.3 second  
Analytical - 2.5 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

4.53 in (115 mm) dia  
Analytical-90 mm

#### WEIGHING CHAMBER (DIA x H):

6.5 in x 2.42 in (165 mm x 61.5 mm)  
Analytical-230 mm

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

9.05 in x 12.99 in x 12.99 in  
(230 mm x 330 mm x 330 mm)

#### SHIPPING WEIGHT:

Analytical, ATL-423-I: 12 lb  
ATL-153-I: 11 lb

#### AC POWER REQUIREMENTS:

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

#### FREQUENCY:

50-60Hz

#### POWER CONSUMPTION (AVG.):

Maximum 16VA; typical 8 (STNG6)

#### WARRANTY:

Two-year limited warranty