

# PHOENIX™ SERIES

## Analytical Balances

- Anti-Static Glass
- Large Weight Chamber
- One-Touch & Automatic Self Calibration
- Standard RS-232C
- 5 Year Warranty



- **A choice of units of measure:**  
Grams,  
Milligram,  
Decimal  
Ounce(av),  
Carat,  
Pennyweight,  
Troy Ounce,  
Grain, Tola,  
Teal, & Momme

**Plus: Percentage Counting**

**Resolution up to  
1 / 3,200,000 !**

### Features

- Simple & Easy to Operate. Adapts to your Environment
- GLP/GMP/GCP/ISO Software which outputs the calibration data & ID Number of the balance for calibration confirmation to the AD-8121B Printer
- Internal Calibration Mass
- System Diagnostic to alert operator of abnormal weighing conditions
- Underhook capability for density determination & weighing magnetic substances
- Standard RS-232C
- Data Memory
- Time & Date Stamp
- Standard Windows Compatible Communication Tools Software (WinCT)
- **Five popular capacities to choose from:**

Model	Capacity	Resolution	Pan size
GH-120	120g	0.0001g	Ø 90mm 3.54"
GH-200	220g	0.0001g	
GH-300	320g	0.0001g	
GH-202	220g/51g	0.0001 / 0.00001g	
GH-252	250g/101g	0.0001 / 0.00001g	

#### Fax-on-Demand

(800) 726-7099, Press 2 / (408) 263-2278

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[www.andweighing.com](http://www.andweighing.com)



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## Specifications:

	GH-120	GH-200	GH-202	GH-252	GH-300
Gram (g)	120 x 0.0001	220 x 0.0001	220 x 0.0001 / 51 x 0.00001	250 x 0.0001 / 101 x 0.00001	320 x 0.0001
Milligram (mg)	120000 x 0.1	220000 x 0.1	220000 x 0.1 / 51000 x 0.01	2150000 x 0.1 / 101000 x 0.01	320000 x 0.1
Decimal Ounce (oz)	4.23 x 0.00001	7.76 x 0.00001	7.76 x 0.00001 / 1.8 x 0.000001	8.8x0.00001 / 3.56 x 0.000001	11.29 x 0.00001
Troy Ounce (ozt)	3.8 x 0.00001	7.07 x 0.00001	7.07 x 0.00001 / 1.64x0.000001	8.04x0.00001 / 3.2 x 0.000001	10.29 x 0.00001
Pennyweight (dwt)	77.2 x 0.0001	141.5 x 0.0001	141.5 x 0.0001 / 32.8 x 0.00001	160.8x0.0001 / 64.9x0.00001	205.8 x 0.0001
Carat (ct)	600 x 0.001	1100 x 0.001	1100 x 0.001 / 255 x 0.0001	1250 x 0.001 / 505 x 0.0001	1600 x 0.001
Momme (mm)	32 x 0.0001	58.7 x 0.0001	58.7 x 0.0001 / 13.6 x 0.00001	66.7 x 0.0001 / 26.9 x 0.00001	85.3 x 0.0001
Grain Unit (GN)	1852 x 0.002	3395 x 0.002	3395 x 0.002 / 787 x 0.0002	3858 x 0.002 / 1559 x 0.0002	4938 x 0.002
Tola (t)	10.3 x 0.00001	18.8 x 0.00001	18.86 x 0.00001 / 4.37 x 0.000001	21.4 x 0.00001 / 8.6 x 0.000001	27.4 x 0.00001
Tael (TL)	3.2 x 0.00001	5.87 x 0.00001	5.87 x 0.00001 / 1.36 x 0.000001	6.67 x 0.00001 / 2.7 x 0.000001	8.53 x 0.00001
Percentage Min. Div.	0.01%, 0.1% or 1% (auto prompt)				
Counting Minimum	0.1mg				
Linearity	±0.2 mg	±0.2 mg / ±0.03 mg		±0.2 mg / ±0.1 mg	±0.3 mg
Repeatability/StdDev	0.1 mg	0.1 mg / 0.02 mg		0.1 mg / 0.03 mg	0.2 mg
Stability Time (typical)	3.5 seconds	3.5 second (0.1mg) / 8 seconds (0.01 mg)			3.5 seconds
Sensitivity Drift	±2ppm when automatic self calibration is not used				
Display Refresh	5 times per second (stable) / 10 times per second (unstable)				
Pan Size	φ90mm / 3.6 in				
Physical Dimensions mm	217 (W) X 442 (D) X 316 (H)				
Physical Dimensions inch	8.54 (W) X 17.4 (D) X 12.24 (H)				
Breeze Break mm	183 (W) X 148.5 (D) X 251 (H)				
Breeze Break Dimensions inch	7.2 (W) X 5.84 (D) X 9.88 (H)				
Operating Temp.	5°C~40°C / 41°F~104°F RH less than 85%				
Weight (Approx.)	8.2 kg. / 18.7 lbs. approx.				
Power	100, 120, 220, 240 VAC (AC Adapter) 50Hz/60Hz				
Standard Accessories	Manual, AC Adapter, Protective Display Cover, WinCT Software				
Ext. Cal. Mass (optional)	50g / 100g	100g / 200g	20g / 50g / 100g / 200g		100/200/300g

Specifications are subject to change without notice.

## Accessories and Options

- **AD-1653**.....Specific Gravity Measurement Kit
- **AD-8920**.....External Display
- **AD-8922** .....Remote Controller
- **AD-1682**.....Rechargeable Battery
- **AD-1683**.....Static Eliminator
- **AD-100-2** .....Anti-Theft Device
- **SW:128**.....Foot Switch
- **CC:103E**..... Carrying Case
- **AD-1191** ..... Compact Printer
- **AD-8118A**.... Multi-Function Printer
- **AD-8118B**.... Universal Printer
- **AD-8121B**.... Multi-Function Printer
- **GH-29**.....Bluetooth Transmitter (30')
- **Calibration Weights**

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