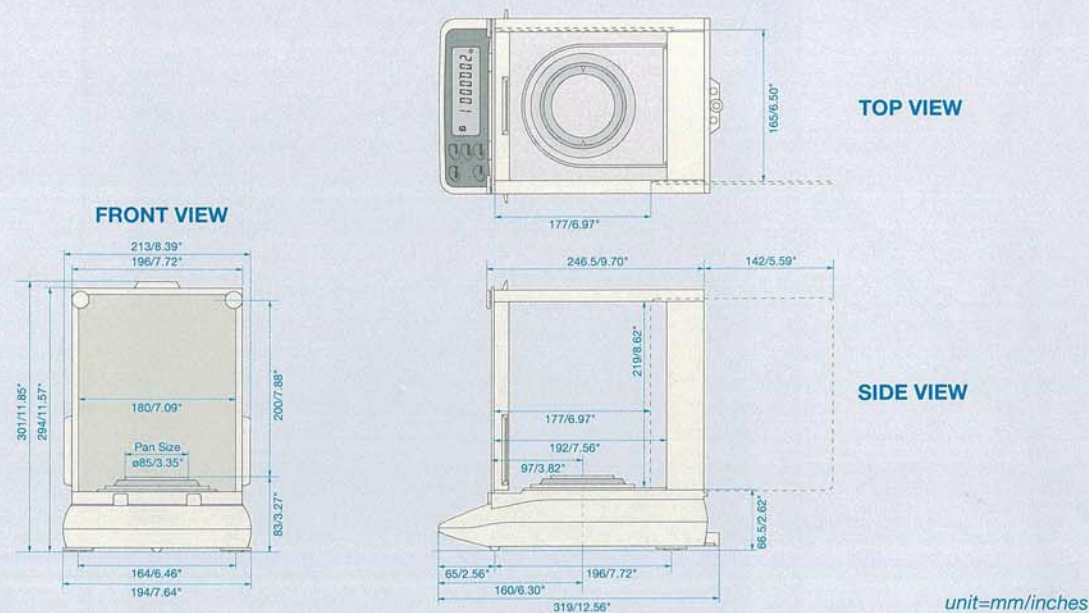


Physical Dimensions



Specifications

Capacity/Resolution	HR-200	HR-120	HR-60
Gram (g)	210 × 0.0001	120g × 0.0001	60 × 0.0001
(mg)	210000 × 0.1	120000 × 0.1	60000 × 0.1
Decimal Ounce (oz)	7.4 × 0.000005	4.2 × 0.000005	2.1 × 0.000005
Troy Ounce (OZt)	6.7 × 0.000005	3.8 × 0.000005	1.9 × 0.000005
Pennyweight (dwt)	135 × 0.0001	77 × 0.0001	38 × 0.0001
Carat (ct)	1050 × 0.001	600 × 0.001	300 × 0.001
Momme (mm)	56 × 0.00005	32 × 0.00005	16 × 0.00005
Grain Unit (GN)	3240 × 0.002	1851 × 0.002	925 × 0.002
Tola (t)	18 × 0.00001	10 × 0.00001	5 × 0.00001
Tael (TL)	5.5 × 0.00001	3.5 × 0.00001	1.5 × 0.00001
Percentage Min Div.	0.01%, 0.1% or 1% (auto prompt)		
Counting Min Weight	0.1mg		
Linearity	±0.0002g		
Repeatability/Std. Dev.	0.0001g		
Stabilization Time	3 second (typically)		
Sensitivity Drift	±2ppm/°C (10°C~30°C/50°F~86°F)		
Display Refresh	5 times per second (stable)/10 times per second (unstable)		
Pan Size	ø 85mm/3.3inches		
Physical Dimensions	mm	213(W) × 319(D) × 301(H)	
	inches	8.4(W) × 12.6(D) × 11.9(H)	
Breeze Break Dimensions	mm	180(W) × 192(D) × 219(H)	
	inches	7.1(W) × 7.5(D) × 8.6(H)	
Operating Temperature	5°C~40°C/41°F~104°F RH less than 85%		
Weight	Approximately 5.7kg/ 12.5 lb		
Calibration Mass (Optional)	200g	100g	50g
Power	100, 120, 220, 240 VAC (AC Adaptor) 50Hz/60H 10 hours continuous operation with rechargeable battery pack (optional)		
Standard Accessories	Manual, AC Adaptor, Protective Cover		

Options

- OP-03 — Serial Interface (RS-232C/Current Loop)
- OP-05 — Serial Interface (Current Loop)
- OP-09 — Rechargeable Battery Pack (NiMH)

Accessories

- AD-1653 — Density Determination Kit
- AD-8121 — Multi-Function Printer
- AD-8118B — Universal Printer
- AD-8524B — Keyboard Adaptor
- AD-8918 — External Display

Specifications are subject to change without notice.

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*ADC-HR-940203-01FF1

HR Series

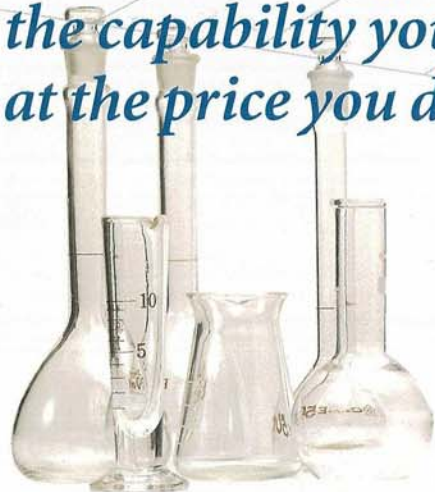
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Every A&D balance is designed for maximum performance. The HR series gives you the capability you need, at the price you deserve.



Simple Operation

Perform any operation with simple, clearly marked key entry.

Adapts to Your Environment

Mode Key: Changes weighing unit and alters condition of response to immediately adapt to changing environmental conditions.

Zero Point Calibration: Calibrates zero independently of span.

Selectable Calibration Mass capability: Corrects for errors in calibration weight.

Wide range of software parameters: Controls reaction to environment and communications output.

Range Key: Disables least significant digit for better display stability in unstable areas.

Strong Construction: Aluminum alloy that won't chip, crack or wear out for many years of trouble free use.

Greatest Flexibility

- Multiple weighing modes.
- Optional battery pack for portability and use in areas with low power problems.
- Underhook capability for density measurement and weighing magnetic material.
- System Diagnostics provides error signals advising of: Low Battery, Overload-Error, Weighing Pan Error, Power Failure Error, Stability Error, Digital Re-Zero Error, Zero-point Error and Calibration Errors.
- Digital Tare Capability: Allows manual or computer input of a tare weight. Use in wide range of tracking studies, such as daily weight gain/loss measurements in a test animals, standard deviation, etc. Or the input of tare weights.

Balance ID number allows Calibration output verification

Allows GLP or LIMS balance management by outputting the ID number and weight used to calibrate the balance, to A&D's AD-8121 printer or computer, which then can print date, time, balance ID number and calibration weight.

```

MODEL      HR-200
S/N       12345678
ID        1000 -A
DATE      01/01/94
11:18:30 AM
CALIBRATED
+000.0000  g
+200.0002  g
CAL.WEIGHT

SIGNATURE
  
```



Print format for verifying the calibration

Optional Internal Rechargeable Battery OP-09



Density Determination Kit AD-1653



Keyboard Adaptor AD-8524B

