



## Standard Features

- GLP/GMP/GCP/ISO compliant software outputs the calibration data and ID number of the balance for calibration confirmation to the AD-8121B printer
- System diagnostics to alert the operator of abnormal weighing conditions
- RS-232C bidirectional interface (option for HR-60, HR-120 and HR-200; standard for HR-300i and HR-202i)
- Weighing chamber
- Underhook capability for density measurement and weighing magnetic materials
- Liquid Crystal Display (LCD)
- WinCT<sup>®</sup> communication tools software

Note: Orion HR series does have internal calibration

## Specifications

	HR-300i <sup>^</sup>	HR-202i <sup>^</sup>	
Part#	97642	97641	
List Price	Consult	Consult	
Capacity	320 g	220/51 g	
Resolution	0.0001 g	0.0001/ 0.00001 g	
Operating Modes	Percentage, Counting		
Repeatability	±0.0003 mg	±0.0002/±0.00003 g	
Linearity	0.0002 mg	0.0001/0.00002 g	
Stabilization Time	Approx. 3.5 seconds	Approx. 3.5/8 seconds	
Sensitivity Drift (10° C-30° C)	±2 ppm/° C (when automatic self calibration is not used)		
Operating Temperature	41° F to 104° F (5° C to 40° C) 85% RH or less (no condensation)		
Pan Size	Ø 3.6 in (90 mm)		
Dimensions	(W x D x H) 8.54 x 17.4 x 12.24 in (217 x 442 x 316 mm)		
RS-232	Y		
Weighing Chamber	(W x D x H) 6.45 x 5.84 x 9.88 in (164 x 148.5 x 251 mm)		
Weight	Approx. 17.6 lb (8.0 kg)		
Ext. Cal. Mass (optional)	300 g/200 g/100 g	200 g/100 g/50 g/20 g	
Power	120V AC (AC adapter) 50 Hz/60 Hz (110, 220, 240V AC adapter available by special order)		
Warranty	Five-year limited warranty		
Return Policy	A&D Weighing Standard Policy - restock fee may apply		
UNIT OF MEASURE	Decimal Ounce	11.29 x 0.00001 oz	7.76 x 0.00001/1.8 x 0.000001 oz
	Troy Ounce	10.3 x 0.00001 ozt	7.07 x 0.00001/1.64 x 0.000001 ozt
	Pennyweight	199 x 0.0001 dwt	141.5 x 0.0001/32.8 x 0.00001 dwt
	Carat	1,550 x 0.001 ct	1,100 x 0.001/255 x 0.0001 ct
	Momme	82 x 0.0001 mom	58.7 x 0.0001/13.6 x 0.00001 mom
	Grain Unit	4,784 x 0.002 GN	3,395 x 0.002/787 x 0.0002 GN
	Tola	26 x 0.00001 to	18.8 x 0.00001/4.37 x 0.000001 to
	Tael	8.2 x 0.00001 TL	5.87 x 0.00001/1.36 x 0.000001 TL

<sup>^</sup> Weighing Chamber

### Part Number/Price

Part #	Model #	Description	Price
97642	HR-300i	320 g x 0.0001 g	Consult
97641	HR-202i	220/51 g x 0.0001/0.00001 g	Consult

### Options/Accessories

Part #	A&D Model #	Description	Price
97605	AD-100-2	Anti-theft device	Consult
97606	AD-1653	Density determination kit	Consult
97607	AD-1682	Rechargeable battery pack, external	Consult
97608	AD-8920A	Universal remote display	Consult
97610	AD-1683	Static eliminator	Consult
97609	AD-8922A	Remote controller	Consult
97649	TB:648	AC adapter (120V/220V)	Consult
151247	AD-1688	Data logger	Consult
196128	AD-8127	Impact dot matrix, statistical printer, includes cable	Consult