



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 operator of abnormal weighing conditions
- Underhook weighing
- Liquid crystal display (LCD)
- WinCT® communication tools software

Note: Orion HR series does have internal calibration

Specifications

| | HR-300i [^] | HR-202i [^] | |
|---------------------------------|---|-----------------------|------------------------------------|
| 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 |

[^] 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 |

