GH/HR-i series

GH-252
250gx0.1mg
101gx0.01mg

GH-202
220gx0.1mg
51gx0.01mg

GH-300
320gx0.1mg

GH-200
220gx0.1mg

GH-120
120gx0.1mg

HR-202i
220gx0.1mg
51gx0.01mg

HR-300i
320gx0.1mg

ISO 9000 CERTIFIED

http://www.aandd.jp

A&D Company, Limited
Clearly a Better Value
High Performance up to 101g (GH-252), 0.01mg
Semi-Micro Weighing Automatic Self-Calibration (GH)
and Ergonomic Design Ethernet interface (GH-08)
with WinCT-Plus software makes data acquisition
using multiple GH models possible expanding your
Local Area Network System.

Motor-driven Internal Calibration (GH models only)
The GH internal calibration with an internal mass saves time and money. External calibration requires a great deal of skill, time and an expensive external mass. With our internal calibration with internal mass, the balance is calibrated very quickly.

- **Automatic Self Calibration** (GH models only)
  - Self-calibrates automatically when the balance detects ambient temperature changes.

- **One Touch Automatic Calibration** (GH models only)
  - Allows you to calibrate the balance on demand with just the push of a button.

**Standard RS-232C**
Incorporates bi-directional communication with a PC, printer or other peripheral device.

**Multiple Weighing Units**
Uses programmable or standard units of measurement: g, mg, PCS (with ACAI* function), %, oz, ozt, ct, dwt, GN, tl, etc.

*ACAI (Automatic Counting Accuracy Improvement)

**Data Memory Function (GH models only)**
- 200 PCS  Weighing data without date and time
- 100 PCS  Weighing with date and time
- 50 PCS   Calibration history data

**GLP/GMP/GCP/ISO Compliance**
Allows GLP or LIMS balance management by outputting the Balance ID number and data used to calibrate the balance. This data can be output to A&D's AD-8121B printer or a computer, indicating date, time, Balance ID number, serial number and calibration data.

**ID Number**
The balance ID number can be set. It is used to identify the balance when GLP in use.
The ID number is memorized and maintained once it is fixed, even when the AC adapter is removed.

**Auto Power On Function**
Plug in the unit and it turns itself on without having to press the ON/OFF key.

**Time & Date (GH models only)**
Standard Time & Date Function complies with GLP and Interval Weighing in the Data Memory Function.

**Interval Time Setting (GH models only)**
Weighing intervals of 2, 5, 10, 30 seconds and 1, 2, 5, 10 minutes in the Data Memory Function.

**Standard Underhook**
Ideal for density determination and weighing magnetic substances.

**Auto Re-Zero Function**
Re-zeroes automatically after data output.

**Standard Windows Communication Tools Software**
A free copy of WinCT - A&D's powerful and flexible data collection software tool for virtually instant connection to a PC and a network of other devices.
AD-1683 Static eliminator

The AD-1683 static eliminator, which incorporates a high-voltage power source, is a DC power-operated compact device which can eliminate static electricity from charged objects without the need of an external high-voltage power source. Since this static eliminator is compact and lightweight with no fan (no breeze is produced) and requires no high-voltage wiring, it is very easy to handle. It can generate ions very easily because it is a DC type.

Quick USB Interface (GH-02)

Easy-to-use optional USB interface, with no driver or software installation necessary, for transfer of weighing data to a computer (Unidirectional communication from a balance to a PC only. Please use the standard RS-232C interface for sending commands from a PC to the balance.)

Ethernet Interface (GH-08) with WinCT-Plus software (CD-ROM)

WinCT-Plus software makes it possible for the user to easily set up an IP address, subnet mask etc. The user can also send commands to control and acquire data from multiple GH balances.

Note: Ethernet Hub and cables must be provided by end-users.
### GH/HR-i Series Specifications

<table>
<thead>
<tr>
<th>GH-252</th>
<th>GH-202</th>
<th>GH-300</th>
<th>GH-200</th>
<th>GH-120</th>
<th>HR-202i</th>
<th>HR-300i</th>
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</thead>
<tbody>
<tr>
<td><strong>Gram</strong></td>
<td><strong>mg</strong></td>
<td><strong>mg</strong></td>
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<tr>
<td>250x0.0001 to 10x0.0001</td>
<td>220x0.0001 to 75x0.0001</td>
<td>320x0.0001</td>
<td>220x0.0001</td>
<td>120x0.0001</td>
<td>220x0.0001 to 5x0.0001</td>
<td>320x0.0001</td>
</tr>
<tr>
<td>25000x0.1 to 10000x0.01</td>
<td>22000x0.1 to 7500x0.01</td>
<td>32000x0.1</td>
<td>22000x0.1</td>
<td>12000x0.1</td>
<td>22000x0.1 to 5000x0.01</td>
<td>32000x0.1</td>
</tr>
<tr>
<td><strong>Decimal Ounce (oz)</strong></td>
<td><strong>Troy Ounce (t oz)</strong></td>
<td><strong>Pennyweight (dwt)</strong></td>
<td><strong>Carat (ct)</strong></td>
<td><strong>Momme (mom)</strong></td>
<td><strong>Grain Unit (CI)</strong></td>
<td><strong>Tola (tl)</strong></td>
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<tr>
<td>8.82x0.0001 to 3.52x0.0001</td>
<td>7.20x0.0001 to 1.66x0.0001</td>
<td>10.29x0.0001</td>
<td>11.45x0.0001</td>
<td>10.29x0.0001</td>
<td>3695x0.0002 to 1596x0.0002</td>
<td>2145x0.0001 to 1861x0.0001</td>
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<tr>
<td>320x0.0001</td>
<td>270x0.0001</td>
<td>70x0.0001</td>
<td>70x0.0001</td>
<td>70x0.0001</td>
<td>98x0.0001</td>
<td>11.84x0.0001</td>
</tr>
<tr>
<td><strong>Calibration Weights to be used for Counting</strong></td>
<td><strong>Minimum 100% display</strong></td>
<td><strong>Linearity</strong></td>
<td><strong>Repeatability (Standard Deviation)</strong></td>
<td><strong>Stabilization Time (typical at FAST)</strong></td>
<td><strong>Top View</strong></td>
<td><strong>Front View</strong></td>
</tr>
<tr>
<td>5.87x0.0001</td>
<td>0.1mg / 0.01mg</td>
<td>±0.2mg / ±0.1mg</td>
<td>0.1mg / 0.02mg</td>
<td>Approx. 3.5 sec</td>
<td>Top View</td>
<td>Front View</td>
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<tr>
<td>200g</td>
<td>100g</td>
<td>50g</td>
<td>20g</td>
<td>300g</td>
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</table>

**Options**

- **GH-02**: Quick USB interface with cable
- **GH-08**: Ethernet interface
- GH-02 and GH-08 cannot be used at the same time.

**Accessories**

- **AD-1653**: Density Determination Kit
- **AD-1682**: Rechargeable Battery Unit (Maximum operating time: 8 hours)
- **AD-1683**: Static Eliminator
- **AD-1684**: Electrostatic Fieldmeter
- **AD-1688**: Weighting Data Logger
- **AD-1689**: Tweezers for Calibration Weight
- **AD-8121B**: Dot Matrix Compact Printer
- **AD-8527**: Quick USB Adapter
- **AD-8920A**: Remote Display
- **AD-8922**: Remote Controller
- **AX-K02466-200**: RS-232C Cable (9p-9p, 2m)
- **AX-USB-9P**: Serial/USB Converter

**Dimensions** (mm/Inches)

- **Top View**
- **Front View**
- **Side View**
- **Rear View**

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*Clearly a Better Value*

A&D Company Limited
3-23-14 Higashi-ikebukuro, Toshima-ku, Tokyo 170-0013 JAPAN
Telephone: (81)3 3981-6132 Fax:(81)3 3981-6148
http://www.aandd.jp

A&D Engineering, Inc.
1756 Automation Parkway, San Jose, CA 95131 U.S.A.
Telephone: (1)(408) 263-5333 Fax:(1)(408) 263-0119

A&D Australasia Pty Ltd.
32 Dew Street, Thebarton, South Australia 5031 AUSTRALIA
Telephone: (08) 8301-8100 Fax:(08) 8302-7409

A&D INSTRUMENTS LTD.
Unit 24/26 Blacklands Way Ablingdon Business Park, Abingdon, Oxon OX14 1DY UNITED KINGDOM
Telephone: (44)(1235) 550420 Fax:[(44)1235] 550485

<German Sales Office>
Grüße Straße 13 82260 Ahrensburg GERMANY
Telephone:(49)(0) 4102 459230 Fax:(49)(0) 4102 459231

A&D KOREA Limited
Manhattan Bldg, 8F, 36-2 Yoido-dong, Youngdeungpo-gu, Seoul, KOREA
Telephone:(82)(2) 780-4101 Fax:(82)(2) 782-4280

A&D RUS CO., LTD.
Vereyskaya str.17, Moscow, 121357 RUSSIA

A&D Instruments India Private Limited
509 Udyog Vihar Phase V, Gurgaon-122 016, Haryana, INDIA
Telephone: [91](124) 471-5555 Fax: [91](124) 471-5599

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