

A&D Weighing Phoenix GH Series

Analytical Balances



STANDARD FEATURES

- Simple and easy to operate. Adapts to your environment
- GLP/GMP/GCP/ISO software which outputs the calibration data and 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 and weighing magnetic substances
- Standard RS-232C
- Data memory
- Time and date stamp
- Standard windows compatible communication tools software (WinCT)

SPECIFICATIONS

OVERALL DIMENSIONS: (W x D x H)

8.54 in x 17.4 in x 12.24 in

DISPLAY REFRESH:

Five times per second (stable) / 10 times per second (unstable)

OPERATING TEMPERATURE:

41°F to 104°F (5°C to 40°C) RH < 85%

REPEATABILITY/STD. DEV:

GH-120, GH-200: 0.1 mg
GH-202: 0.1 mg/0.02 mg
GH-252: 0.1 mg/0.03 mg
GH-300: 0.2 mg

LINEARITY:

GH-120, GH-200: ± 0.02 mg
GH-202: ± 0.02 mg/ ± 0.03 mg
GH-252: ± 0.02 mg/ ± 0.01 mg
GH-300: ± 0.3 mg

SENSITIVITY DRIFT

(PPM/°C/SPAN):

± 2 ppm when automatic self calibration is not used

PAN SIZE:

3.6 in/90 mm

WEIGHT (APPROX):

18.7 lbs/8.2 kg

POWER:

100, 120, 220, 240 VAC (AC adapter)
50 Hz/60 Hz

CALIBRATION MASS:

GH-120: 50 g/100 g
GH-120: 100 g/200 g
GH-202, GH-252: 20 g/50 g/100 g/200 g
GH-300: 100/200/300 g

WARRANTY:

Five-year limited warranty

A&D Weighing Gemini GR Series

Analytical Balances



STANDARD FEATURES

- Simple and easy to operate
- GLP software which outputs the calibration data and ID number of the balance for calibration confirmation to the AD-8121B printer
- Easy access door system
- Automatic self-calibration
- Data memory function stores up to 200 sets of weighing data
- Underhook capability for density measurement and weighing magnetic material

SPECIFICATIONS

OVERALL DIMENSIONS (W x D x H):

9.8 in x 12.99 in x 12.87 in

DISPLAY REFRESH:

Five times per second (stable) /
10 times per second (unstable)

OPERATING TEMPERATURE:

41°F to 104°F (5°C to 40°C) RH < 85%

REPEATABILITY/STD. DEV:

GR-120, GR-200, GR-300: 0.0001 g
GR-202: 0.0001/0.00002 g

LINEARITY:

GR-120, GR-200, GR-300: ± 0.0002 g
GR-202: ± 0.0002 g/ ± 0.0003 g

SENSITIVITY DRIFT

(PPM/°C/SPAN):

5°C-30°C/50°F-86°F

PAN SIZE:

3.3 in/85 mm

Weight (APPROX):

13.2 lb/6.0 kg

POWER:

100, 120, 220, 240 VAC (AC adapter)
50 Hz/60 Hz

CALIBRATION MASS:

GR-120: 50 g/100 g
GR-200: 100 g/200 g
GR-300: 200 g/300 g
GR-202: 100 g/200 g

WARRANTY:

Five-year limited warranty

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Fax # (708) 771-0195

PART #	A&D MODEL #	CAPACITY	EST. SHIP WEIGHT
GH Series			
97597.....	GH-120	120g x 0.1 mg.....	8.7 lb/8.2 kg.....
97599.....	GH-200	220g x 0.1 mg.....	18.7 lb/8.2 kg.....
97600.....	GH-300	320g x 0.1 mg.....	18.7 lb/8.2 kg.....
97601.....	GH-202	220/51g x 0.1 mg/0.01 mg.....	18.7 lb/8.2 kg.....
97602.....	GH-252	250/101g x 0.1/0.01 mg	18.7 lb/8.2 kg.....
GR Series			
97625.....	GR-120	120g x 0.1 mg.....	13.2 lb/6 kg.....
97626.....	GR-200	210g x 0.1 mg.....	13.2 lb/6 kg.....
97627.....	GR-300	310g x 0.1 mg.....	13.2 lb/6 kg.....
97628.....	GR-202	42g/210g x 0.01 mg/0.1 mg	13.2 lb/6 kg.....

OPTIONS/ACCESSORIES

97603.....	GH-29	Bluetooth®, factory installed, 30ft maximum.....
97604.....	GH-08	Ethernet option for GH
97605.....	AD-100-2	Anti theft device
97606.....	AD-1653.....	Density determination kit
97607.....	AD-1682.....	Rechargeable battery pack
97608.....	AD-8920.....	Universal remote display.....
97609.....	AD-8922.....	Remote controller.....
97610.....	AD-1683.....	Static eliminator
97611.....	CC:103E.....	Carrying case for GH series.....
97612.....	SW:128	Foot switch
97613.....	TB:136	AC adapter (120V)
97614.....	TB:137	AC adapter (220V)
97649.....	TB:110C.....	AC adapter (120V)
97631.....	TB:123	AC adapter (220V)

Bluetooth is a registered trademark of Bluetooth SIG

GH/GR SERIES CAPACITIES

	GR-GH-120	GR-GH-200	GR-GH-202	GR-GH-252	GR-GH-300
g	120 x 0.0001	220 x 0.0001	220 x 0.0001	250 x 0.0001	320 x 0.0001
mg	120000 x 0.1	220000 x 0.1	220000 x 0.1	250,000 x 0.1	320000 x 0.1
oz	4.23 x 0.00001	7.76 x 0.00001	7.76 x 0.00001	8.8 x 0.0001	11.29 x 0.00001
ozt	3.8 x 0.0001	7.07 x 0.00001	7.07 x 0.00001	8.04 x 0.00001	10.29 x 0.00001
dwt	77.2 x 0.001	141.5 x 0.0001	141.5 x 0.001	160.8 x 0.001	205.8 x 0.0001
ct	600 x 0.001	1100 x 0.001	1100 x 0.001	1250 x 0.001	1600 x 0.001
mm	32 x 0.0001	58.7 x 0.0001	58.7 x 0.001	66.7 x 0.0001	85.3 x 0.0001
GN	1852 x 0.002	3395 x 0.002	3395 x 0.002	3858 x 0.002	4938 x 0.002
t (Tola)	10.3 x 0.00001	18.8 x 0.00001	18.86 x 0.00001	21.4 x 0.00001	27.4 x 0.00001
TL (Tael)	3.2 x 0.00001	5.87 x 0.00001	5.87 x 0.00001	6.67 x 0.00001	8.53 x 0.00001

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