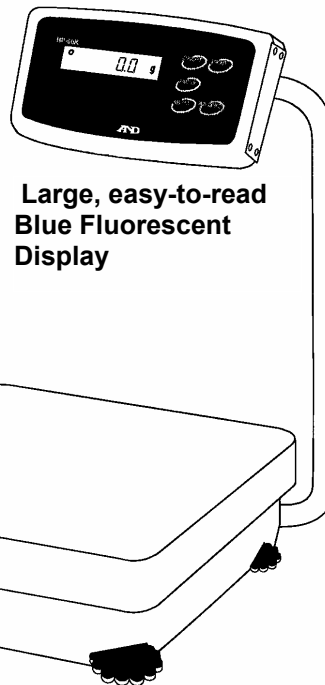


HP Series

Precision Industrial Balances

Resolution
up to
1/3 10,000!



Large, easy-to-read
Blue Fluorescent
Display

Rugged aluminum
alloy construction

Adjustable swing arm
display, eye level to
bench top

Water & Dust
Resistant - IP-65

A choice of units of
measure:

Gram, Kilogram, Decimal
Ounce (av), Decimal Pound
(av), Pound/Ounce,
Pennyweight, Troy Ounce,
Metric Carat, & Momme

Plus : Percentage
Counting
Animal Weighing

Features

- Protected against wet and dusty environments, IP-65 rating
- GLP Software which outputs the calibration data & ID Number of the balance for calibration confirmation to the AD-8121A Printer
- 12 Weighing Units
- Selectable Calibration Weight Entry
- Underhook Capability
- Animal Weighing
- ACAI Counting & Percent Functions
- Excellent Stability and Response Speed
- Swing Arm Display

Wide selection of capacities

Model	Capacity	Resolution	Pan Size mm
HP-12K	12kg	0.1g	384 x 344mm
HP-20K	21kg	0.1g	384 x 344mm
HP-30K	31kg	0.1g	384 x 344mm
HP-40K	41kg	0.5g	384 x 344mm
HP-60K	61kg	1g	384 x 344mm
*HP-22K	2/21kg	0.1/1g	384 x 344mm
HP-100K	101kg	1g	384 x 344mm
*HP-102K	61/101kg	1/10g	384 x 344mm

* Dual Range

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A&D
A&D WEIGHING
...Clearly a Better Value



1555 McCandless Drive
Milpitas, CA 95035, USA
Toll Free: (800) 726-7099
Phone: (408) 263-5333
Fax: (408) 263-0119

Specifications:

	HP-12K	HP-20K	HP-22K	HP-30K
Gram (g)	12000 x 0.1	21000 x 0.1	21000/2100 x 1/0.1	31000 x 0.1
Kilogram (kg)	12 x 0.0001	21 x 0.0001	21/2.1 x 0.001/0.0001	31 x 0.0001
Decimal Ounce (oz)	423 x 0.005	740 x 0.005	740/74 x 0.05/0.005	1093 x 0.005
Decimal Pound (lb)	26 x 0.0005	46 x 0.0005	46/4 x 0.005/0.0005	68 x 0.0005
Pound/Ounce (lb/oz)	26 lb / 7 oz	46 lb / 4 oz	46 lb x 4oz / 4 lb 10oz	68 lb / 5 oz
Pennyweight (dwt)	7716 x 0.1	13503 x 0.1	13503/1350 x 1/0.1	19933 x 0.1
Carat (ct)	60000 x 0.5	105000 x 0.5	105000/10500 x 5/0.5	155000 x 0.5
Troy Ounce (ozt)	385 x 0.005	675 x 0.005	675/67 x 0.05/0.005	996 x 0.005
Messghal (Ms)	2560 x 0.05	4480 x 0.05	4480/448 x 0.5/0.05	6613 x 0.05
Momme (mm)	3200 x 0.05	5600 x 0.05	5600/560 x 0.5/0.005	8266 x 0.05
Tael (TL)	317 x 0.005	555 x 0.005	555/55 x 0.05/0.005	820 x 0.005
Tola (t)	1028 x 0.01	1800 x 0.01	1800/180 x 0.1/0.01	2657 x 0.01
Percentage Min. Div.	0.01%	0.01%	0.01%	0.01%
Linearity	±0.2g	±0.2g	±1.0g/±0.1g	±0.2g
Repeatability/Std. Dev.	0.1g	0.1g	0.5g/0.1g	0.1g
Sensitivity Drift (10°C~30°C)	±5ppm/°C	±3ppm/°C	±10ppm/°C	±3ppm/°C
Net Weight (Approx.)	17kg / 37.5lb			
Calibration Mass (optional)	5/10 kg	10/20 kg	10/20 kg	20/30 kg

	HP-40K	HP-60K	HP-100K	HP-102K
Gram (g)	41000 x 0.5	61000 x 1	101000 x 1	-
Kilogram (kg)	41 x 0.0005	61 x 0.001	101 x 0.001	101/61 x 0.01/0.001
Decimal Ounce (oz)	1446 x 0.02	2151 x 0.05	3562 x 0.05	3562/2151 x 0.5/0.05
Decimal Pound (lb)	90 x 0.002	134 x 0.005	222 x 0.005	222/134 x 0.05/0.005
Pound/Ounce (lb/oz)	90 lb / 6 oz	134 lb / 7 oz	222 lb / 10 oz	222lb 10oz/134lb 7oz
Pennyweight (dwt)	26363 x 0.5	39223 x 1	64944 x 1	-
Carat (ct)	205000 x 5	305000 x 5	505000 x 5	-
Troy Ounce (ozt)	1318 x 0.02	1961 x 0.05	3247 x 0.05	3247/1961 x 0.5/0.05
Momme (mm)	10933 x 0.2	16266 x 0.5	26933 x 0.5	26930/16266 x 5/0.5
Tael (TL)	1084 x 0.02	1613 x 0.05	2672 x 0.05	2672/1613 x 0.5/0.05
Messghal (Ms)	8746 x 0.2	13013 x 0.5	21546 x 0.5	21545/13013 x 5/0.5
Tola (t)	3515 x 0.05	5229 x 0.1	8659 x 0.1	8659/5229 x 1/0.1
Percentage Min. Div.	0.01%	0.01%	0.01%	0.01%
Linearity	±1g	±1g	±2g	±10g/±2g
Repeatability / Std. Dev.	0.5g	0.7g	1g	5g/1g
Sensitive Drift (10°C~30°C)	±6ppm/°C	±6ppm/°C	±6ppm/°C	±10ppm/°C
Net Weight (Approx.)	17 kg / 37.5 lb		18 kg / 39.6 lb	
Calibration Mass (optional))	20/30/40 kg	30/40/50/60 kg	60/80/100 kg	60/80/100 kg

Specifications for all HP models

Stabilization Time	2 seconds (typically)
Display refresh	5 times per second (stable) / 10 times per second (unstable)
Weighing Pan Size	384 X 344 mm / 15.1 x 13.5 inches
Operating Temperature	5°C~40°C (41°F~104°F) RH less than 85% (Does not allow condensation to form).
Power	AC Adapter, 100, 120, 220, 240 VAC 50/60 Hz
Standard Accessories	Manual, AC Adapter & Protective Cover

Specifications are subject to change without notice

Options:

- HP-03 Serial Interface (RS 232C/Current Loop)
- HP-04 Comparator Output with Buzzer
- HP-05 Current Loop Printer Interface
- HP-06 Analog Output
- HP-10-13 Underhook for various Models

Accessories:

- AD-8920 External display
- AD-8118A Journal Printer
- AD-8118B Universal Printer
- AD-8121A Multi-Function Printer
- AD-1191 Compact Printer
- WinCT Software
- AD-1682 Rechargeable Battery Kit
- Calibration Weights

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