



Weighing Technology

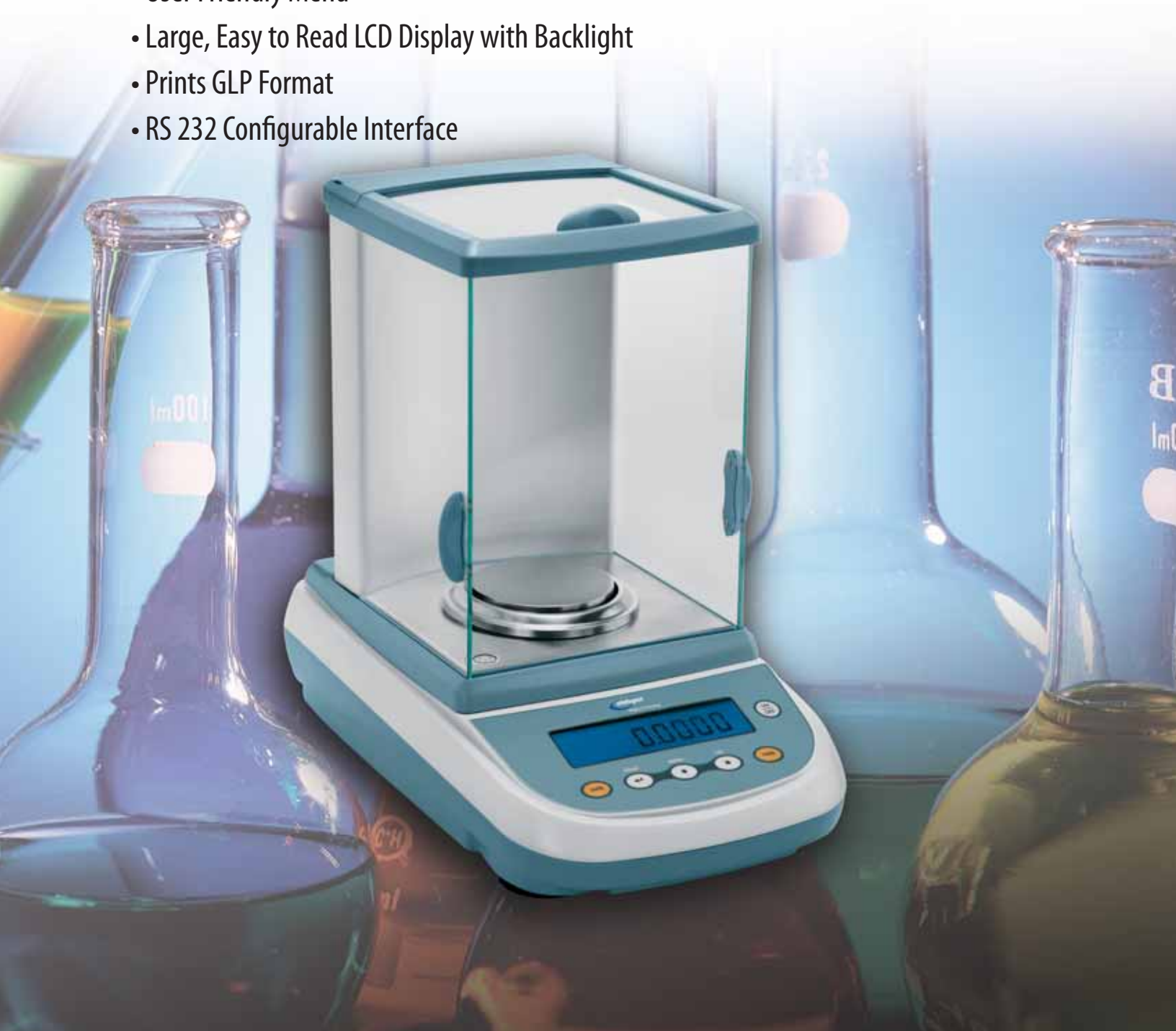
A Higher Level of Precision...A Higher Level of Performance

A
SERIES

Intell-Lab™ Analytical Balances



- User Friendly Menu
- Large, Easy to Read LCD Display with Backlight
- Prints GLP Format
- RS 232 Configurable Interface



Manufactured in Italy by an ISO 9001 certified company.

Model	A120U	A150U	A210U	A250U	A120	A150	A210	A250
Capacity	120 g	150 g	210 g	250 g	120 g	150 g	210 g	250 g
Readability	0.0001 g							
Minimum Load	10 mg							
Linearity	±0.0003 g							
Repeatability (Std. Dev.)	0.0001 g							
Sensitivity Drift	±3 ppm / °C (+ 10° C to + 30° C)							
Stabilization Time	4 seconds							
Weighing Units	g, ct, oz, lb, dwt, oz t, GN, taels (HK, Singapore, R.O.C.), mommes							
Functions	Parts counting, density (as an option, note: counting is disabled)							
Tare Range	To capacity by subtraction							
Power Source	110 VAC / 24 VAC adapter							
Construction	Static resistant ABS							
Display	Large, easy to read LCD display with backlight							
Pan Size	3.1 inches / 80 mm diameter							
Draft Shield Internal Dimensions (W x D x H)	5.1 x 6.3 x 7.9 inches / 128 x 159 x 200 mm							
Dimensions (W x D x H)	8.1 x 12.8 x 13 inches / 205 x 325 x 330 mm							
Operating Environment	+41°F to +95°F / +5°C to +35°C							
Connectivity	RS 232 bi-directional, configurable							
Calibration	Automatic Internal Calibration				External calibration			
Net Weight	11.5 lb / 5.3 kg				10 lb / 4.5 kg			
Shipping Weight	15.5 lb / 7.1 kg				14 lb / 6.4 kg			
Options	Printer, density kit, density software (note: counting feature is disabled)							

Features

Easy to use keyboard arrangement and menu

Alpha-numeric display
Tactile keypad

Waterproof keyboard
Adjustable environmental filter settings (5 levels)

Multiple weighing units
Parts counting function

RS 232 bidirectional serial interface – user selectable for printer or computer
Selectable baud rate
One key calibration function

Auto zero can be enabled / disabled

100% subtractive tare
Large, bright backlit display

Adjustable feet / spirit level

Density function (optional)

Benefits

Makes training and operation simple, reducing mistakes

Easy to understand menu navigation
Positive feedback allows for precise entry of information

Protects against damage to electronic components
Can adjust balance response to differing environmental conditions for more controlled results
Allows flexibility of weighing across many disciplines
Allows accurate counting of components and small parts. (Can be enabled/disabled)

Allows communication with peripheral data collection and printing instruments
Allows connection to different data collection devices
Calibration is simple, ensuring that the balance will be calibrated often during use
Applications such as evaporation can be accommodated

Enables the weight of containers to be ignored
Easy to read in all lighting conditions including bright sunlight

The balance remains level for accurate results even on uneven working surfaces
Allows for easy calculation of density