



Weighing Technology

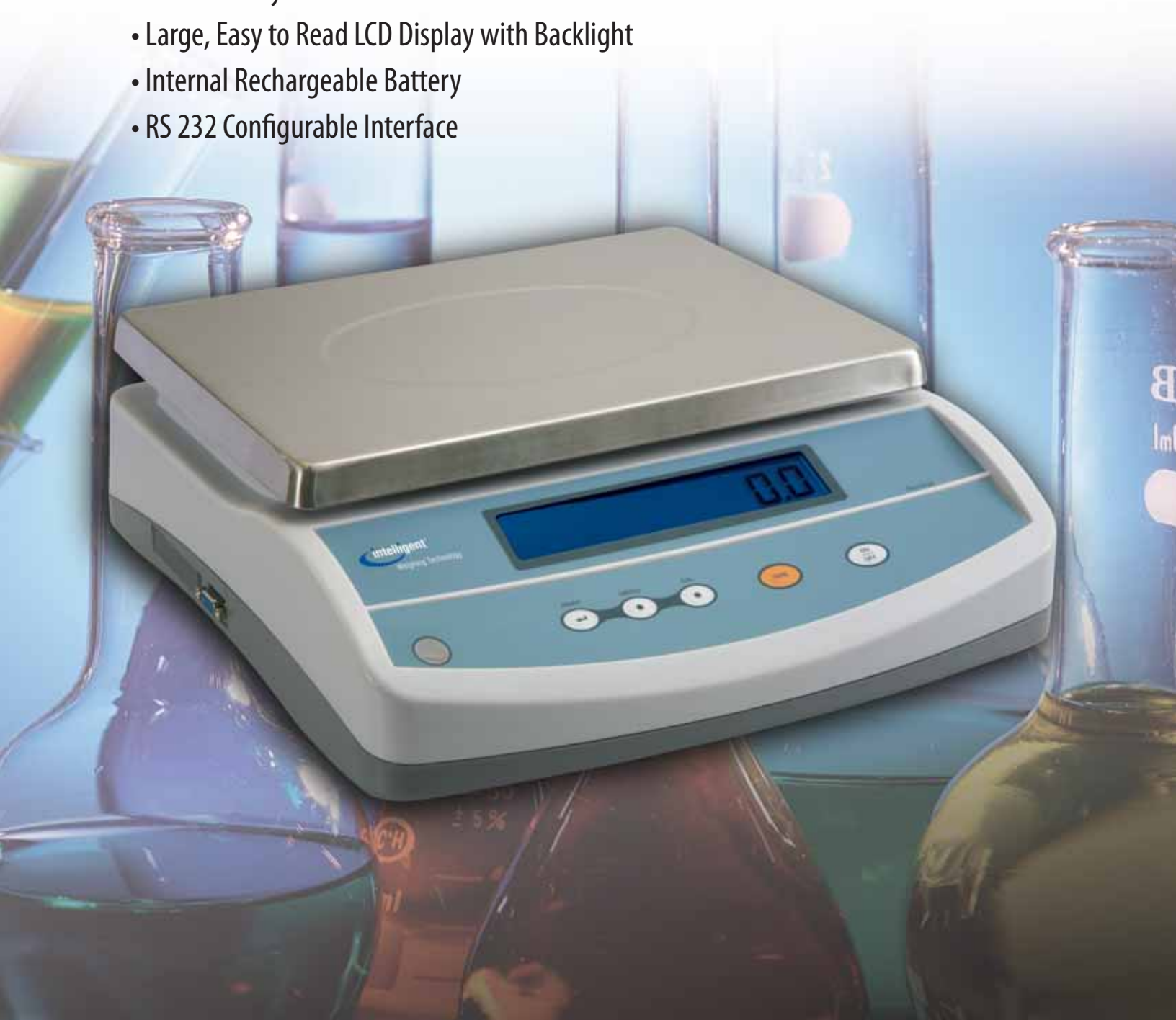
*A Higher Level of Precision...A Higher Level of Performance*



## Intell-Lab™ High Capacity Toploading Balances



- User Friendly Menu
- Large, Easy to Read LCD Display with Backlight
- Internal Rechargeable Battery
- RS 232 Configurable Interface



*Manufactured in Italy by an ISO 9001 certified company.*



# Intell-Lab™ High Capacity Toploading Balance

Model	Q8	Q10	Q12	Q16	Q32
Capacity	8,000 g	10,000 g	12,000 g	16,000 g	32,000 g
Readability	0.1 g				0.2 g
Minimum Load	2 g				3 g
Linearity	±0.1 g		±0.2 g	±0.3 g	±0.4 g
Repeatability (Std. Dev.)	0.1 g				0.2 g
Stabilization Time	3 seconds				
Weighing Units	g, ct, oz, lb, dwt, oz t, GN, tael (HK, Singapore, R.O.C.), mommes				
Functions	Parts counting, density (as an option, note: counting is disabled), below balance weighing				
Tare Range	To capacity by subtraction				
Power Source	110 VAC/DC adapter, internal rechargeable battery (220 VAC available)				
Construction	Static resistant plastic, stainless steel platform, In-use cover supplied				
Display	Large, easy to read LCD display with backlight				
Pan Size	11.8 x 8.8 inches / 300 x 225 mm				
Dimensions (W x D x H)	12.75 x 14 x 5 inches / 324 x 356 x 127 mm				
Operating Environment	+41°F to +95°F / +5°C to +35°C				
Connectivity	RS 232 bi-directional, configurable				
Calibration	External calibration				
Net Weight	9 lb / 3.8 kg				
Shipping Weight	11 lb / 5 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 (11 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

Internal rechargeable battery

Density function (optional)  
In use dust cover

## 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

Portability – can be used in various locations without access to a wall outlet (battery life—approximately 10 hours)

Allows for easy calculation of density  
Protects balance against spillage or contamination

