

# ECON Series

Giving New Meaning to the Word ECON-omy

# ACCULAB

sartorius group

The ECON series offers more than just precise weighing results "on the move" or "in the lab". Thanks to our compact design, large LCD display, rugged ABS housing, heavy-duty weight cell and advanced microprocessor make the ECON series the best in its class.

Our unique design is both rugged and practical-perfect for every day use. Its exclusive stackable housing makes it easy and convenient to safely store

the product in large numbers, great for schoolroom applications and more. The transportation "lock-switch" located on the bottom of the scale ensures safe portability for years of operation.

The line consists of four models from 210 to 4,100 gram capacity with readabilities from 0.1 to 1.0 grams. Engineered for maximum efficiency, these economy scales offer high performance at a great price.

### Product features and highlights:

- Advanced microprocessor for accurate weighing results
- Rugged ABS housing with exclusive stackability for safe convenient storage
- Lock-switch for safe transportation
- Large LCD display
- Simple 3-key operation with external one-button calibration
- Lock-down capability
- Five weighing modes; g, lb, oz, dwt, ozt
- Included 9 volt battery (or optional AC adapter)
- Low battery, overload and underload indicators with auto shutdown



Model; EC-211 and EC-411 shown



Lock-down capability



Exclusive stackability feature

### Precision balances in the ECON series

Model No.	Capacity	Read-ability	Pan Size	Calibration Weight	Shipping Weight
EC-211	210 g	0.1 g	5.3"x5.5" / 135x140 mm	200 g	1.5 lbs / 0.7 kg
EC-411	410 g	0.1 g	5.3"x5.5" / 135x140 mm	200 g	1.5 lbs / 0.7 kg
EC-2100	2,100 g	1 g	5.3"x5.5" / 135x140 mm	2 kg	1.5 lbs / 0.7 kg
EC-4100	4,100 g	1 g	5.3"x5.5" / 135x140 mm	2 kg	1.5 lbs / 0.7 kg

9 V Alkaline battery included, calibration weights are not included

### Commonly Used Accessories

Model No.	Description
AC-1	Adapter, 120 V U.S. 2-pin UL/CSA
VCAL-200 (200 gram calibration weight)	
V-2kg (2kg calibration weight)	
LC-1	Anti-theft locking device with cable and padlock



sartorius group  
 131 Heartland Blvd., Edgewood NY 11717  
 Tele: 800-656-4400 / 631-254-4299  
[www.Acculab.com](http://www.Acculab.com)



## ECON Series Specifications

Model Number	EC-211	EC-411	EC-2100	EC-4100
Capacity	210g	410g	2100g	4100g
Readability	0.1g	0.1g	1g	1g
Linearity	+(-) 2d			
Repeatability	+(-) 1d			
Weighing Modes	Grams, Ounces, Pounds, Troy Ounces, Pennyweights			
Applications	Mass Unit Conversion			
Tare Range	To capacity by subtraction			
Calibration	200g	200g	2000g	2000g
Stabilization Time (typical)	1.5-2.0 seconds			
Overload Protection	400% Overload Protection plus shipping lock			
Overload Indication	Displays "H"			
Underload Indication	Displays "L"			
Auto Off	After 6 minutes of no activity			
Storage Temperature	14F to 122F (-10C to 50C)			
Operating Temperature	50F to 86F (10C to 30C)			
Operating Humidity	Less than 95% RH			
Display Type	LCD, height 0.6" in (15.2mm)			
Audio Tone	NO			
Low Battery Indication	Flashing Display			
Hous of Operation/Battery	approx. 30 Hours			
Power Requirements	9 volt battery or optional 12 Volt AC adapter			
Power Consumption	15mA			
Pan Size/ Type	5.3" x 5.5" in (135 x 140 mm)			
Housing Construction	HPS-NCS 5502-B			
Dimensions (WxDxH)	6.26" x 8.6" x 2.07" in (159 x 217 x 53 mm)			
Net Weight (kg/lbs)	0.8 lbs (0.4kg)			
Shipping Dimensions/Weight	(WxDxH) 7.7" (195mm) x 9.8" (250mm) x 3.5" (90mm)/ 1.4lbs (0.8kg)			
Included Accessories	9 Volt Battery			
Optional Accessories	Calibration weight; AC adapter, Lock cable and padlock (LC-1)			
Warranty	1 Year Manufacture Warranty			

### Foot Notes

Performance specifications measured within optimum temperature range and proper calibration.

Specifications subject to change without notice.