

## Laboratory Precision (0.01 g) Balances



# Executive Pro

For more than 70 years, Precisa has been providing the finest weighing equipment available anywhere in the world.

With the Executive Pro Series, Precisa is setting new standards of weighing excellence in the high-end laboratory balance. The premium workmanship of the robust die-cast aluminum housing, coupled with the finest engineering materials and design, provides excellent protection against mechanical and electrical interference. This allows the balance to operate at the highest levels of precision, from the initial weigh-in period through to the final result.

The EP series performs to specification, all day, every day. And with features such as the SCS self-calibration system and the intuitive user settable operation, the balance will handle any task you set for it. Executive Pro provides you with a comprehensive solution to demanding laboratory tasks and allows you to provide and capture critical results.



## Laboratory Superior Standard

Swiss designed technology and robust build quality make this the reliability standard of the industry.

The LS series is finely honed to offer precision results, yet built to withstand tough conditions in industrial applications, with a high degree of protection from mechanical and electrical interference. The strikingly brilliant vacuum fluorescent display and intuitive keypad prompts offer simple navigation, even in harsh lighting conditions.



## Laboratory Prime

Designed, temperature compensated and inspected in Switzerland, the rugged XB series are built to withstand the rigors of tough industrial conditions.

These versatile machines deliver results – simply.



## Laboratory Classic

Designed, temperature compensated and inspected in Switzerland, the rugged BJ series are built to withstand the rigors of tough industrial conditions and are designed to provide excellent results at a minimum cost of ownership.



### Executive Pro

 Made in Switzerland

### Laboratory Superior Standard

 Made in Switzerland

Model	EP 1200C	EP 2200C	EP 4200C	EP 6200C	EP 8200C	LS 320 SCS	LS 620 SCS	LS 1200 SCS	LS 2200 SCS	LS 3200 SCS	LS 4200 SCS	LS 6200 SCS
Calibration	SCS Auto Self Calibration System											
Capacity	1200 g	2200 g	4200 g	6200 g	8200 g	320 g	620 g	1200 g	2200 g	3200 g	4200 g	6200 g
Readability	0.01 g					0.01 g						
Recommended Minimum Load	0.10 g					0.05 g		0.10 g				
Repeatability (Std. Dev.)	0.01 g					0.005 g		0.01 g				
Linearity	10 mg	15 mg				10 mg			15 mg			
Sensitivity Drift	(10...30°C) 2 ppm / °C					(10...30°C) 2 ppm / °C						
Stabilization Time	<2 sec		<3 sec			<1.5 sec		<2 sec		<3 sec		
Normal Operating Environment	50°F to 85°F (10°C to 30°C) at 85% RH non-condensing											
Ultimate Operating Environment	0°C to 40°C at 70% RH non-condensing for SCS equipped units											
Weighing Units	g, mg, kg, GN, dwt, oz t, oz, lb, ct, C.M., tLH, tLM, tLT, mo, t, Bht											
Available Languages	English, French, German, Russian, Spanish					English, French, German						
Tare Range	100% Subtractive											
Power Source	AC/DC adapter 100 – 240 VAC input, output 12 VDC											
Construction	Die cast aluminum											
Display	Backlit LCD graphic display					Vacuum fluorescent display						
Pan Size	7.9 x 7.9 inches 200 x 200 mm					7.9 x 7.9 inches 200 x 200 mm						
Overall Dimensions (W x D x H)	9.5 x 14.2 x 3.6 inches 240 x 360 x 91 mm					9.0 x 15.0 x 3.6 inches 228 x 381 x 90 mm						
Connectivity	Standard: RS 232, USB Optional: Bluetooth, Wi-Fi, Ethernet					USB, RS-232						
Net Weight	12.4 lb / 5.6 kg					12.4 lb / 5.6 kg						
Shipping Weight	16.5 lb / 7.5 kg					15.2 lb / 6.9 kg		16 lb / 7.3 kg				



### Laboratory Prime

 Designed, Temperature compensated and inspected in Switzerland























### Laboratory Classic

 Designed, Temperature compensated and inspected in Switzerland

Model	XB 2200C	XB 3200C	XB 4200C	XB 6200C	BJ 410C	BJ 610C	BJ 1000C	BJ 1200C	BJ 2200C
Calibration	External calibration				External Intelligent Calibration Mode (ICM)				
Capacity	2200 g	3200 g	4200 g	6200 g	410 g	610 g	1000 g	1200 g	2200 g
Readability	0.01 g				0.01 g				
Recommended Minimum Load	0.1 g				0.1 g				
Repeatability (Std. Dev.)	0.01 g				0.01 g				
Linearity	15 mg				0.02 g				
Sensitivity Drift	(10...30°C) 2 ppm / °C				(10...30°C) 2 ppm / °C				
Stabilization Time	<2 sec	<3 sec			<3 sec				
Operating Environment	50°F to 85°F (10°C to 30°C) at 85% RH non-condensing								
Ultimate Operating Environment	0°C to 40°C at 70% RH non-condensing for SCS equipped units								
Weighing Units	g, mg, kg, GN, dwt, oz t, oz, lb, ct, C.M., tLH, tLM, tLT, mo, t, Bht								
Available Languages	English, French, German								
Tare Range	100% Subtractive								
Power Source	AC/DC adapter 100 – 240 VAC input, output 12 VDC				AC/DC adapter 100 – 240 VAC input, output 9 VDC / 9 Volt battery (not included)				
Construction	Die cast aluminum and ABS				ABS				
Display	Vacuum fluorescent display				Backlit LCD				
Pan Size	6.7 x 6.7 in 170 x 170 mm				5.4 x 5.4 in 135 x 135 mm				
Overall Dimensions (W x D x H)	8.3 x 13.4 x 3.6 in 210 x 340 x 91 mm				7.5 x 10 x 3.25 in 191 x 254 x 83 mm				
Connectivity	RS-232				RS-232				
Net Weight	10.4 lb / 4.7 kg				3.9 lb / 1.8 kg				
Shipping Weight	13 lb / 5.9 kg				5 lb / 2.3 kg				

# Specifications

EP Series LS Series XB Series BJ Series

	EP Series	LS Series	XB Series	BJ Series
Display Type				
 SCS Auto Self Calibration System (time /temperature)	✓	✓		
 Automatic Calibration Warning			✓	
 External calibration	✓	✓	✓	✓
 RS 232 interface	✓	✓	✓	✓
 USB interface	✓	✓		
 Slide-In modules (ethernet, bluetooth, etc)	Optional			
 Anti theft code	✓	✓	✓	✓
 Anti theft ring	✓	✓	✓	✓
 Direct tare input	✓			
 Clock (GLP/ GMP formats)	✓	✓	Optional	Optional
 Below balance weighing	✓	✓	✓	
 Alpha numeric entry	✓			
 BEST Buoyancy Error Suppression Technology	✓			
 Minimum sample weight	✓			
 Units (g, mg, lb, ozt, etc.)	✓	✓	✓	✓
 Recorder	✓			
 Automatic Repeatability Test	✓	✓		
 Multi Level Backweighing	✓			

# Applications

 Statistics	✓			
 Weight in %	✓	✓	✓	✓
 Counting pieces	✓	✓	✓	✓
 Live animal weighing	✓	✓	✓	✓
 Density determination	✓	✓	✓	Optional
 Checkweighing +/-	✓	✓		
 Total net, add up		✓		
 Area conversion (paper)		✓		
 Pipette calibration	✓			

# About Precisa Gravimetrics AG

Uncompromising quality standards in research, manufacturing, design and after-sales service have made Precisa one of the leading brands in weighing instruments world-wide. The result is a state-of-the-art product range, which fully reflects traditional Swiss characteristics such as precision, quality and reliability –along with a complete range of customer specific benefits. Precisa instruments contain the features necessary to perform tests accurately and record results simply and efficiently. Precisa, with distribution in more than 100 countries around the world, is a division of Techcomp Europe Group, a leading manufacturer and distributor of analytical instruments, life science equipment and laboratory instruments.




# About Intelligent Weighing Technology, Inc.



Intelligent Weighing Technology supplies a complete range of high-quality laboratory balances, industrial scales, load cells, and weighing accessories to the North American market. Its leadership team has more than 65 years' experience in the weighing and measurement business, both in the USA and worldwide. With its 8,000 square foot facility, Intelligent Weighing Technology offers increased product inventory for faster shipping. Built on a cornerstone of quality, precision, and service, Intelligent Weighing Technology provides its customers with the equipment they need, right on time.

 EP & LS Series manufactured by Precisa in Switzerland in an ISO 9001 certified facility

 XB & BJ Series designed, temperature compensated and inspected in Switzerland

Intelligent-Lab™ is a trademark of Intelligent Weighing Technology, Inc.  
Precisa® is a registered trademark of Precisa Gravimetrics AG

  
Weighing Technology

Intelligent Weighing Technology, Inc.  
intelligentwt.com  
Rev: Precision 0.01 7/14