

# Laboratory Precision (0.1 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 Precision 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 and IB models are 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, these rugged 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, these rugged 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**

**LS Series**  
 Made in Switzerland

**IB Series**  
 Made in Switzerland

Model	EP 6200D	EP 8200D	EP 12200D	LS 3200D	LS 6200D	LS 10200D	IBK 12000D SCS	IBK 18000D SCS	IBK 24000D SCS	IBK 34000D SCS
Calibration	SCS Auto Calibration System									
Capacity	6200 g	8200 g	12200 g	3200 g	6200 g	10200 g	12100 g	18100 g	24100 g	34100 g
Readability	0.1 g			0.1 g			0.1 g			
Rec. Minimum Load	1 g			1 g			1 g			
Repeatability (Std. Dev.)	0.05 g	0.1 g	0.5 g	0.05 g		0.1 g	0.1 g			
Linearity	0.1 g	0.15 g		0.1 mg		0.15 mg	0.2 g			
Sensitivity Drift	(10...30°C) 2 ppm / °C			(10...30°C) 2 ppm / °C			(10...30°C) 2 ppm / °C			
Stabilization Time	<2 sec			<1 sec		<2 sec	<2 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			English, French, German			
Tare Range	100% subtractive									
Power Source	AC/DC adapter 100 – 240 VAC input, output 12 VDC									
Construction	Die-cast aluminum			Die-cast aluminum			Steel and stainless steel platter			
Display	Backlit Graphic LCD			Vacuum Fluorescent Display			Vacuum Fluorescent Display			
Pan Size	7.9 x 7.9 in / 200 x 200 mm			7.9 x 7.9 in / 200 x 200 mm			15.7 x 11.8 in / 400 x 300 mm			
Overall Dimensions (W x D x H)	9.5 x 14.2 x 3.6 in 240 x 360 x 91 mm			9.0 x 15.0 x 3.6 in 228 x 381 x 90 mm			15.7 x 18.3 x 5.9 in 400 x 465 x 150 mm			
Connectivity	Standard: RS 232, USB Optional: Bluetooth, Wi-Fi, Ethernet			USB, RS-232			USB, RS-232			
Net Weight	12.4 lb / 5.6 kg			12.4 lb / 5.6 kg			33 lb / 15 kg			
Shipping Weight	16.5 lb / 7.5 kg			16 lb / 7.3 kg			41 lb / 18.6 kg			



### Laboratory Prime



Designed, Temperature compensated and inspected in Switzerland

### Laboratory Classic



Designed, Temperature compensated and inspected in Switzerland

	Laboratory Prime		Laboratory Classic			
Model	XB 3200D	XB 6200D	BJ2100D	BJ4100D	BJ6100D	BJ8100D
Calibration	External Calibration		External Intelligent Calibration Mode (ICM)			
Capacity	3200 g	6200 g	2100 g	4100 g	6100 g	8100 g
Readability	0.1 g		0.1 g			
Recommended Minimum Load	1 g		2 g			
Repeatability (Std. Dev.)	0.05 g		0.1 g			
Linearity	0.1 g		0.2 g			
Sensitivity Drift	(10...30°C) 2 ppm / °C		(10...30°C) 2 ppm / °C			
Stabilization Time	<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					
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			
Construction	Die-cast aluminum and ABS		ABS			
Display	Vacuum Fluorescent Display		Backlit LCD			
Pan Size	7.9 x 7.9 in / 200 x 200 mm		6.7 x 5.6 in / 170 x 140 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 in 191 x 254 x 77 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   IB Series   XB Series   BJ Series

	LCD GR	VFD	VFD	VFD	LCD BL
Display Type	LCD GR	VFD	VFD	VFD	LCD BL
 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	✓		Optional		
 Clock (GLP/ GMP formats)	✓	✓	✓	Optional	Optional
 Below balance weighing	✓	✓	✓	✓	
 Alpha numeric entry	✓		Optional		
 BEST Buoyancy Error Suppression Technology	✓				
 Minimum sample weight	✓		Optional		
 Units (g, mg, lb, ozt, etc.)	✓	✓	✓	✓	✓
 Recorder	✓		✓		
 Automatic Repeatability Test	✓	✓	✓		
 Multi Level Backweighing	✓		Optional		

## Applications

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

# 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 & IB 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.  
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Weighing Technology

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Rev: Precision 0.1 7/14