

Laboratory Semi Micro 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 Semi Micro balance performs to specification, all day, every day. And with features such as the unique hands free auto rotating draft shield, 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.



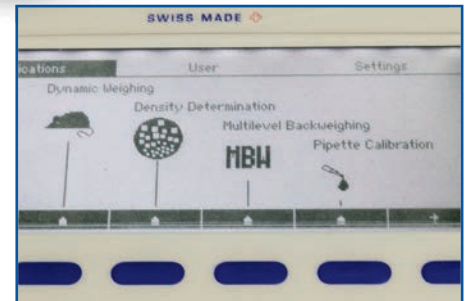
Intuitive Graphic Interface

The structured access to the menu and the clearly presented, easy to read, multi-lingual graphic display offers simplicity of operation.



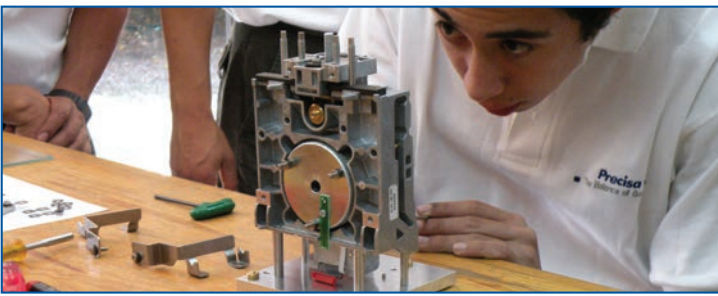
IR Sensor Draft Shield

The IR sensor automatic draft shield operates effortlessly with a wave of your hand...either hand, allowing you to enter the chamber easily from either side.



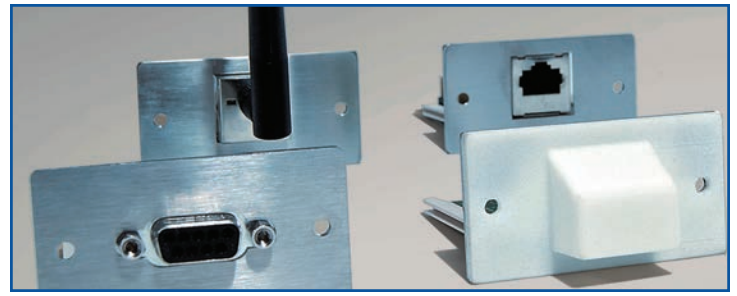
Integrated Applications

Integrated applications for laboratory and for quality assurance: pipette calibration, minimum sample weight, automatic buoyancy error suppression, density determination and many other applications.



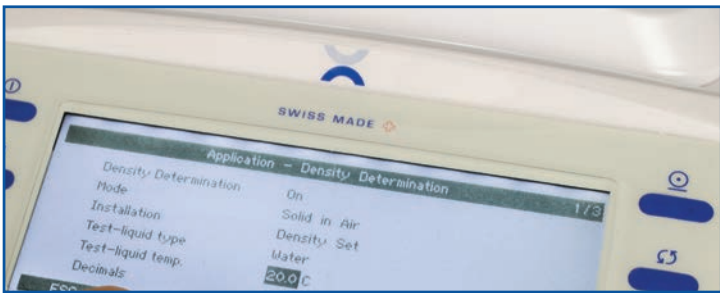
Life-long Reliability

The force-compensating measuring cell developed by Precisa is characterized by outstanding precision and durability. The cell is manufactured by hand to meet the strict demands that automated cell production cannot fulfill. Long term cost of ownership is minimal because the unit can be fully repaired on site.



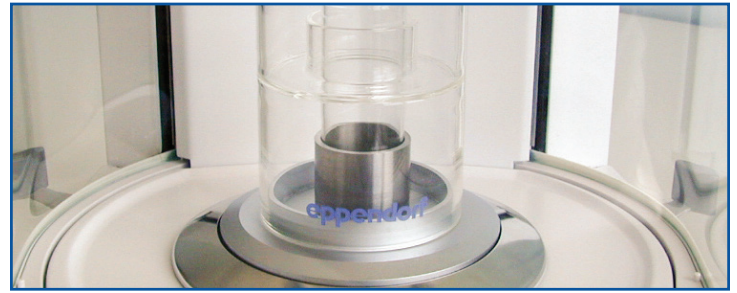
Slide-in Module

Precisa's new advanced insert technologies, featuring the slide-in module, provide a range of connection options. The interchangeable inserts assure connection to future communication technologies, so your balance interface method does not become obsolete.



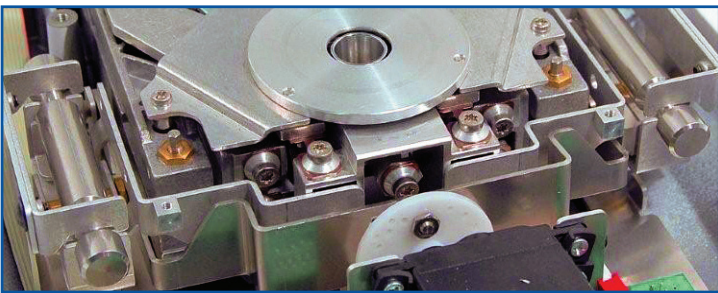
Personalized Display

The start-up menu can be personalized with freely selectable display options and softkeys for direct navigation. Additional information can be zoomed onto the main display and you can load your own language and characters onto the balance display.



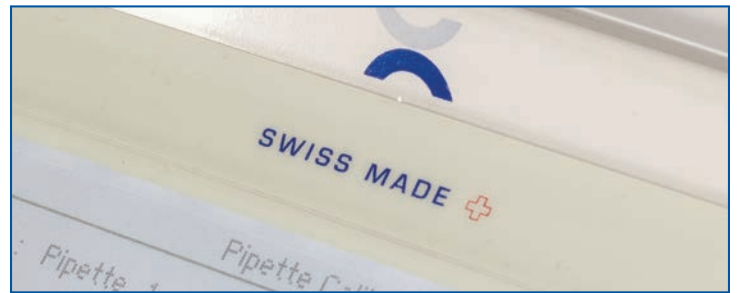
Wide Range of Peripherals

From Pipette Evaporation Traps to Density Kits, from External Power Packs to Dust Covers, Precisa has the accessories you need to make your balance effective for multiple applications.



SCS Self-Calibrating System

The self-calibrating system developed by Precisa allows truly automatic calibration. This function can be temperature and/or timer-programmed so you always have access to a fully calibrated instrument to comply with GLP requirements.



Made in Switzerland

Continuous investment in Research and Development at their Swiss manufacturing facilities allows Precisa to offer the best instruments in the elite world of fine weighing. Swiss technology, Swiss precision, Swiss quality control. This is why leading specialists around the world place their trust in Precisa.























Executive Pro

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Model	EP125SM	EP225SM DR
Calibration	SCS Auto Self Calibration System	
Capacity	125 g	102 g / 225 g
Readability	0.01 mg (0.00001 g)	0.01 mg (0.00001 g) to 102 g 0.1 mg (0.0001 g) to 225 g
Recommended Minimum Load	0.00020 g	0.00020 g
Repeatability (Std. Dev.)	0.02 mg \leq 40g / 0.05 mg \geq 40 g	
Linearity	0.03 mg	0.03 mg 0.1 mg
Sensitivity Drift	(10...30°C) 1.5 ppm / °C	
Stabilization Time	< 8 seconds	< 6 seconds
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, GN, dwt, oz t, oz, ct, C.M., tLH, tLM, tLT, mo, t, Bht	
Available Languages	English, French, German, Russian, Spanish	
Tare Range	100% Subtractive	
Power Source	AC/DC adapter 100 – 240 VAC input, output 12 VDC	
Construction	Die cast aluminum	
Display	Backlit Graphic LCD	
Pan Size	3.1 in / 80 mm diameter	
Draft Shield Internal Dimensions (Diam x H)	5.5 X 9.1 in / 140 x 230 mm	
Overall Dimensions (W x D x H)	9.5 x 14.2 x 13.6 inches / 240 x 360 x 345 mm	
Connectivity	Standard: RS 232, USB Optional: Bluetooth, Wi-Fi, Ethernet	
Net Weight	14.6 lb / 6.6 kg	
Shipping Weight	24 lb / 10.8 kg	



Specifications

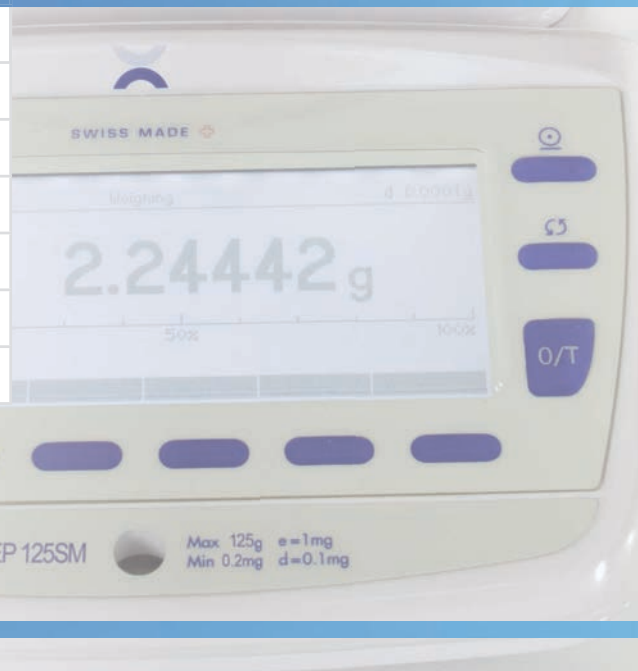
EP Series

	Display Type	
	Infrared Automatic Draft Shield	✓
	Manual Draft Shield	Optional
	SCS Auto Self Calibration System (time /temperature)	✓
	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)	✓
	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	✓
	Checkweighing +/-	✓
	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 Series manufactured by Precisa in Switzerland in an ISO 9001 certified facility

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Weighing Technology

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