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Catalogue



SAVA

High-precision scales will meet the needs of the most demanding measurements

SAVA Analytical Balance - 0,1mg

Internal/External Calibration

- Capacity: up to 320g
- Readability - 0.1mg
- Repeatability - 0.2mg
- Linearity - $\pm 0.3\text{mg}$
- Pan Size - $\Phi 91\text{mm}$
- High load performance in corners analyses the balance
- Measuring cell made from a single piece of material
- Output Interface - RS232 (optional)
- Display: LCD with Backlight,
- Short stabilization time
- Interval of automatic shutdown in mains supply mode 0 - 99 min
- Temperature compensation
- Stable temperature behaviour
- Weighing tolerance, standby function, collective memory function, percentage determination, counting function
- Antivibration filter
- Levelling feet for horizontal position
- Levelling libele
- Three side opening door
- Windshield on all sides
- Impact resistant construction
- Adjusting with external weight, Internal calibration (automatic), Adjusting with internal weight (manual)
- Automatic internal adjustment in the case of a change in temperature $\geq 2\text{ }^{\circ}\text{C}$



Internal Calibration

Internal Calibration provide fast and high precision calibration analytical balance automatic calibration - timing and if temperature change



Antivibration Filter

Reduces the effect of vibration on the measurement



Software for data collection

software for communication with the scale provides the ability to collect data, control the measurement process (optional)

320g/0,1mg

Internal
Calibration

USB/RS232

Connection
Interface

LCD Display

Internal
Calibration

Internal Calibration	SAVA100	SAVA120	SAVA160	SAVA200	SAVA210	SAVA220	SAVA300	SAVA310	SAVA320
External calibration	SAVA100E	SAVA120E	SAVA160E	SAVA200E	SAVA210E	SAVA220E	SAVA300E	SAVA310E	SAVA320E
Max capacity (g)	100g	120g	160g	200g	210g	220g	300g	310g	320g
Accuracy Class	I (0,0001g)								
Readability (d) (g)	0,0001 g								
Min weighing (g)	0,0004 g								
Smallest part weight for piece counting	1 mg								
Reproducibility (g)	0,0002 g								
Linearity (g)	± 0.0003 g								
Stabilization time	≤3 sec								
Warm-up time	8 h								
Operating temperature	10°C-30°C								
Operating Relative humidity (RH)	(20%-85%)								
USP Minimum weight of sample (k=2, U=0.1%)	400 mg								
Measuring sensor type	Electromagnetic force compensation								
Weighing mode	g, mg, oz, ct, %, count mode, Calibration function								
Communication port	RS232/USB (optional)								
Power supply	110-230V 50-60Hz ± 10% power net adapter adaptor								
Display	High Resolution LCD with back light								
Standby mode	Yes								
Pan size	Ø91 (made from stainless steel)								
Hang weighing	Optional								
Housing material	cast aluminium, plastic								
Weighing chamber (mm)	162*172*203								
Dimensions	217* 345* 330 mm								
Net weight	6,5 kg								
Gross weight	10 kg								
Optional	Thermal printer, USB connection, Hydrostatic set, Control Weight, Certificate of calibration								

Please note

If this Balance does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts

Laboratory Equipment production and Distribution

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