

BAG

series

**VERIFIED
ANALYTICAL
AND PRECISION
BALANCES**

Perfect for
laboratory use
Maximum precision: 0.0001 g





BAG



PERCEN



PCS



CAL INT



MOVE



DENS



VERIF

Main functions: Tare, Percentage weighing, Parts counting, Internal calibration, Formulation (with solids storage), Statistics, Density determination of solids or liquids, Recipes for advanced formula management, Limits, Animal weighing, Maximum load, GLP, Clock, Language selection and ADD (accumulation).



RS232



RS232

RS232 port allows easy connectivity with computers, printers and other peripheral devices, facilitating efficient data transfer.



BAG 120 i4 / 220 i4
Resolution up to 0.0001 g
Capacity up to 120 g / 220 g

VERIFIED ANALYTICAL BALANCE 120 I4 / 220 I4

The BAG 120 i4 and 220 i4 analytical balances with an accuracy of 0.1 mg. They are high-precision instruments designed to ensure highly reliable performance in laboratories, research departments and quality control. Equipped with an electromagnetic force restoring weighing system and internal automatic calibration, these balances offer consistent accuracy and ease of use thanks to their double box structure and large graphic display.

Recording of the last stored GLP/ISO calibration data.



VERIFIED PRECISION BALANCES 520 I3 / 720 I3 / 4200 I2

The BAG 520 i3 / 720 i3 precision balances. Equipped with a large graphic display and a double box structure, these balances are designed to offer efficient and easy operations, making them ideal for laboratories, research departments and quality control applications.

Recording of the last stored GLP/ISO calibration data.



OPTIONAL
IONIZER



FEATURES:

- » LCD graphic display with adjustable backlight, providing a clear display and easy operation.
 - » Response time of less than 4 seconds for fast and accurate measurements.
 - » Ergonomic keyboard with plastic protective cover for durability.
 - » Large graphic display facilitates fast and efficient operations. 7 digits of 15 mm with messages to guide the user.
 - » 5 keys with direct functions.
 - » Double-box structure improves stability and reduces external interference.
 - » 3 adjustable feet and a fixed support for static discharge.
 - » Bubble level.
 - » Cabin versions:
 - 120 i4 / 220 i4 versions weighing cabin with three sliding glass doors (two side and one top), allowing convenient access to the inside of the scale.
 - 520 i3 / 720 i3 versions with round glass cover with steel top cover.
 - 4200 i2 version with plastic protection cover.
 - » Units of measurement: g, ct, oz*.
 - » Automatic internal calibration.
 - » Capacity to store up to 99 recipes, each with 20 ingredients.
 - » Recording of the last stored GLP/ISO calibration data.
 - » Multiple language options, including EN, DE, FR, IT, ES, PT.
 - » RS232.
 - » PC sending modes:
 - Continuous transmission of weight data
 - On-demand transmission of weight data
 - On-demand transmission with GLP of weight data
 - » Electromagnetic force restoring weighing system for high accuracy.
 - » Mains adapters included: A, C, G, I 
- *oz and other units available out of verification. See manual.



BAG 520 i3 / 720 i3
Resolution up to 0.001 g
Capacity up to 520 g / 720 g



BAG 4200 i2
Resolution up to 0.01 g
Capacity up to 4200 g

Specifications	120/220	520/720	4200
Operating temperature range	10°C to 30°C		
Supply	110-230Vac 50-60Hz mains adapter		
Ionizer	External version available		
RS232	DB9 female		
Printer	External (optional)		
CE Standard	YES		
Dimensions (mm)	345 x 215 x 345	345 x 215 x 155	345 x 215 x 100
Weighing chamber dimensions (mm)	162 x 171 x 225	Ø150 x 70	-
Net weight (kg)	6.6	4.9	5.1
Class	I	II	II
Packing weight (kg)	7.9	6.2	6.1
Packing dimensions (mm)	520 x 410 x 530	520 x 410 x 360	520 x 410 x 360

BAG SERIES MODELS

Model	#Code	Capacity	Reading (d)	Verification scale interval (e)	Repeatability (mg)	Plate dimensions (mm)	Internal calibration	Auto calibration	Cabin	Certification
BAG 120 i4	261576	120g	0.0001g	0.001g	0.1	Ø80		yes	■	ENAC
BAG 220 i4	261577	220g	0.0001g	0.001g	0.1	Ø80		yes	■	Code #
BAG 520 i3	261580	520g	0.001g	0.01g	1	Ø110		yes	●	900039
BAG 720 i3	261581	720g	0.001g	0.01g	1	Ø110		yes	●	900039
BAG 4200 i2	261583	4200g	0.01g	0.1g	10	Ø160		yes	-	901011

BAL BAG Accessories

DENSITY KIT FOR SOLIDS AND LIQUIDS

The Density Kit for Solids and Liquids offers an accurate and versatile solution for measuring the density of a wide range of materials, including solids and liquids. Ideal for laboratory applications, this kit ensures reliable results with ease and speed.



910210

BENCH IONISER

Effectively removes static electricity from samples, ensuring more accurate and consistent measurements. Its compact design and intuitive operation make it ideal for use in laboratories and work environments where accuracy is crucial.



910208

DUST COVER

Protective dust cover for balances with sliding windshield doors. Suitable for models: BAG 120 i4, BAG 220 i4 and BAL 220 i4.



910214

#Code	Description
910208	Bench Ioniser
910209	Communication KIT
910210	Density KIT for solids and liquids
910211	Dust cover
910212	Plastic blister cover for in-use Balances, BAG BAL high-precision series
910213	Plastic blister cover for in-use Balances, BAG BAL precision series
910012	Sample cutter 8/9 mm
910033	Analytical plates
580396	Male – Female crossover adapters
580397	Female – Female crossover adapters (gender changer)
580398	Male – Male crossover adapters (gender changer)
-	RS232 cable for connection to PC and printer 1.2m*

* Consult cable according to balance and printer model

Certificates

GIRLAB CALIBRATION LABORATORY

Weighing products require high precision when calibrating them, that is why Giropes has a quality control team and a laboratory with specialized technicians, who work to be able to issue products suitable for Legal Metrology and/or with ENAC certification.

Giropes SL has ISO9001 and ISO17025 quality standards. Its quality system audited by a notified body allows it to perform CE verifications of products and to issue ENAC certificates for the calibration of weights and balances.