

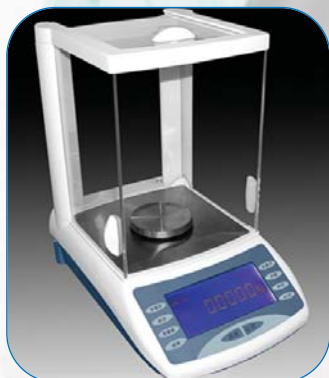
BALANCES, MICROSCOPES, AND MELTING POINT



ANTIVIBRATION BALANCE TABLE



MELTING POINT APPARATUS



PRECISE BALANCES



LIGHT SOURCE



MICROSCOPES



REFRACTOMETERS

Precise balances

Balance accessories and precision weights

Stereomicroscopes

Microscopes

Microcameras

Refractometers

Polarimeter

Melting point apparatus

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*"One researcher shines for his questions, not for his answers."
Duque de Levis*

FEATURES

- Digital 7 segment screen.
- Time to stability: 8 seconds.
- Adjustable time and sensitivity control.
- ON/OFF automatic zero adjustment.
- Automatic internal 200g calibration.
- Tare range by subtraction up to the maximum capacity.
- Piece counting function.
- Density measurement in the base of the unit.
- Units of measurement in g, ct, and oz.
- Level adjustment (bubble).
- Data interface: RS-232 for connection to a printer.
- Operable ambient temperature 5 to 40 °C
- Power supply: 110/220 V-50/60Hz.
- Supplied complete with cover.



MODELS	Part No.	Maximum weight capacity g	Precision ±g	Linearity ±g	Height / Width / Depth (exterior) cm	Height / Width / Depth (Draft shield) cm	Ø plate cm	Weight Kg
FA-2204B	5830039	200	0.0001	0.0002	35 21 34	24 19 17.5	8	8.5

COMMON FEATURES

- Easy to read seven segments display.
- Stabilization time: 3 seconds.
- ON/OFF. Automatic Zero adjustment
- External automatic calibration.
- Tare range by subtraction up to maximum capacity.
- Piece counting function. Overload indicator.
- Operating temperature: from 5 to 35 °C.
- Voltage: 220 V ±10 V / 50 Hz.

MODELS	Part No.	Maximum weight capacity g	Precision ±g	Height / Width / Depth (exterior) cm	Ø plate cm	Weight Kg
LABORCOM 110-L	5830025	110	0.01	7 17.5 24	12.5	1.6
LABORCOM 210-L	5830026	210	0.02	7 17.5 24	12.5	1.6
LABORCOM 600-L	5830031	600	0.1	7 17.5 24	12.5	1.6
LABORCOM 1100-L	5830032	1100	0.1	7 17.5 24	12.5	1.6
LABORCOM 2100-L	5830033	2100	0.1	7 17.5 24	12.5	1.6
LABORCOM 11000-L	5830027	11000	1	7 17.5 24	16.5 x 16.5	1.8



FEATURES

- HEDO2 is a digital blood collection monitor, created to control and monitoring blood collection processes. It has been designed to perform simple, precise and accurate operations.
- It is composed of:
 - Easily removable tray.
 - Wired or wireless interface networking.
 - Automatic clamp closing at the end of the donation.
 - Automatic tare calculation.
 - Real time monitoring of the donation showed on the digital display.
 - Stand alone mode (operating with rechargeable battery). 8 hours life.
 - Sensor to detect the tube presence.
- Power supply: 110/220 V-50/60Hz.

MODEL

Part No.	Max weight Capacity g	Precision g	Resolution g	Height / Width / Depth (external) cm	Power W	Weight Kg
5010000	999	± 3	1	19 32 32	60	5

It is supplied with a transport suitcase.



ACCESSORIES

- Wireless data transfer Hedo-2. Part No. **5010001**
- Wireless connection module Hedo-2. Part No. **5010002**
- Barcode reader Hedo-2. Part No. **5010003**
- Alarm lamp pool Hedo-2. Part No. **5010004**



WEIGHING DISHES "ACCU-WEIGH"

Anti static. Reproducible tare weighing.
Contamination free. Large selection of sizes.

Common features:

Made from high density polystyrene with flat base, round edge, contamination free surface and hydrophilic. Flexible in form for easy manipulation of the sample either liquid or solid.

Manufactured in two forms:

- Diamond form, colours white and black.
- Square form, colour white.

Part No.	Form	Capacity	Height / Width / Depth	Weight	Colour
5726004	Diamond	5	3.8 31 54	0.25	White
5726005	Diamond	5	3.8 31 54	0.25	Black
5726006	Diamond	30	13.5 55 85	1.00	White
5726007	Diamond	30	13.5 55 85	1.00	Black
5726008	Diamond	100	20 92 132	2.6	White
5726009	Diamond	100	20 92 132	2.6	Black
5726010	Square	7	8.5 44 44	0.65	White
5726011	Square	100	24 80 80	2.2	White
5726012	Square	250	24 134 134	6.1	White

Comes in packets of 100 units.



ALUMINIUM WEIGHING BOATS

Static free, pressed dishes with rolled edge.

Withstands temperatures up to 450 °C.

Due to their form the dishes can be used one on top of another to protect samples. Suitable for testing, solid samples and mixtures of emulsions for moisture content, by differential weight loss method.

Useful for weighing, comparing, freezing or evaporation.

Consumable, single use.

Part No.	Thickness mm	Height / Ø (usable) mm	Comes in
5726000	0.2	5 42	packets of 112 units
5726001	0.2	10 57	packets of 110 units



ANTIVIBRATION BALANCE TABLE

Formica covered metal table with central polished granite plate to support the balance, mounted on silent blocks.

Adjustable shock device. Maximum weight 40 Kg.

Part No.	Height / Width / Depth (exterior) cm	Height / Depth (balance support) cm	Weight Kg
5838101	80 90 70	45 39	70



BALANCE DENSITY MEASUREMENT "PR-SE" (PATENTED)

Applications: System for reading the density of liquids using the immersion of a glass sinker of known volume. Can be used for opaque and viscous liquids for all classes of liquid.

Features: Made of borosilicate glass of low dilatation coefficient and a constant volume. Mode of operation:

- Locate the tube with liquid on an electronic balance.
- Push the TARE to achieve a zero stable reading
- Introduce and submerge the measuring suspended sinker centrally without tilting the tube, keep suspended.

At this moment the screen will indicate the DIFFERENTIAL WEIGHT, that is exactly the same as the density of the liquids multiplied by 10.

To obtain a density value in mS, it is necessary to have a balance with a minimum resolution of 0.01 g.

Part No.	Density interval g/ml	Maximum tolerance error g/ml	Temperature assay/reference °C
5600000	0.600 - 2.000	±0.0005	20 / 20



Calibrated precision weights class E2 and F1. Certification W.E.C.C. (Western European Calibration Co-operation)

COMMON FEATURES

In the manufacturing of these weights the meteorological requirements are applied to conform with the OIML verification for accuracy, raw material, geometric form, identification and conservation. To guarantee their accuracy, the individual weights are supplied in a partitioned wooden case with a clasp lid and a small tray housing for locating the mg weights. The wooden boxes are lined with velvet for the g and Kg weights.

Weight	Part No. Weight Class E2	Part No. Certificate E2	Tolerance Max. error ± mg	Part No. Weight Class F1	Part No. Certificate F1	Tolerance Max. error ± mg
1 mg	5838102	5838124	0.006	5838146	5838169	0.020
2 mg	5838103	5838125	0.006	5838147	5838170	0.020
5 mg	5838104	5838126	0.006	5838148	5838171	0.020
10 mg	5838105	5838127	0.008	5838150	5838172	0.025
20 mg	5838106	5838128	0.010	5838151	5838173	0.03
50 mg	5838107	5838129	0.012	5838152	5838174	0.04
100 mg	5838108	5838130	0.015	5838153	5838175	0.05
200 mg	5838109	5838131	0.020	5838154	5838176	0.06
500 mg	5838110	5838132	0.025	5838155	5838177	0.08
1 g	5838111	5838133	0.030	5838156	5838178	0.10
2 g	5838112	5838134	0.040	5838157	5838179	0.12
5 g	5838113	5838135	0.050	5838158	5838180	0.15
10 g	5838114	5838136	0.060	5838159	5838181	0.20
20 g	5838115	5838137	0.080	5838160	5838182	0.25
50 g	5838116	5838138	0.10	5838161	5838183	0.30
100 g	5838117	5838139	0.15	5838162	5838184	0.5
200 g	5838118	5838140	0.30	5838163	5838185	1
500 g	5838119	5838141	0.75	5838164	5838186	2.5
1 Kg	5838120	5838142	1.5	5838165	5838187	5
2 Kg	5838121	5838143	3.0	5838166	5838188	10
5 Kg	5838122	5838144	7.5	5838167	5838189	25
10 Kg	5838123	5838145	15	5838168	5838190	50

Weight material

From 1 to 5 mg = aluminium, density approx. 2.7 g/cm³.

From 10 to 500 mg = alpaca, density 8.6 g/cm³.

From g and Kg = antimagnetic polished stainless steel, density approx. 8.0 g/cm³.

Without adjustable chamber E2 and with adjustable chamber F1. The calibration certificate is expedited by DKD (member of the W.E.C.C.), which contains the determination and deviation between the nominal mass values, the actual measured value and the tolerance measurement.



SET OF STANDARD WEIGHTS WITH BOX AND MATCHING CERTIFICATE

Set of weights E2 of 1 mg to 500 mg Part No. **5831822**

Set of weights F1 of 1 mg to 500 mg Part No. **5832822**

Material: Wooden box (E2), or resin box (F1), with clasp, tweezers and a small brush.

Weight details: 1 mg, 2 mg, 2 mg, 5 mg, 10 mg, 20 mg, 20 mg, 50 mg, 100 mg, 200 mg, 200 mg and 500 mg. Total 12 weights = 1.11 g

Certificate for set of weights E2 of 1 mg to 500 mg Part No. **5862350**

Certificate for set of weights F1 of 1 mg to 500 mg Part No. **5862450**

Set of weights E2 of 1 mg to 50 g Part No. **5831302**

Set of weights F1 of 1 mg to 50 g Part No. **5832302**

Material: Wooden box with clasp, lined with velvet, a special glove, housing for extractable fractional weights, tweezers and a small brush.

Weight details: 1 mg, 2 mg, 2 mg, 5 mg, 10 mg, 20 mg, 20 mg, 50 mg, 100 mg, 200 mg, 200 mg, 500 mg, 1 g, 2 g, 2 g, 5 g, 10 g, 20 g, 20 g y 50 g

Total 20 weights = 111.11 g

Certificate for set of weights E2 of 1 mg to 50 g Part No. **5862301**

Certificate for set of weights F1 of 1 mg to 50 g Part No. **5862401**

Set of weights E2 of 1 mg to 100 g Part No. **5831303**

Set of weights F1 of 1 mg to 100 g Part No. **5832303**

Material: Wooden box with clasp, lined with velvet, a special glove, housing for extractable fractional weights, tweezers and a small brush.

Weight details: 1 mg, 2 mg, 2 mg, 5 mg, 10 mg, 20 mg, 20 mg, 50 mg, 100 mg, 200 mg, 200 mg, 500 mg, 1 g, 2 g, 2 g, 5 g, 10 g, 20 g, 20 g, 50 g and 100 g

Total 21 weights = 211.11 g

Certificate for set of weights E2 of 1 mg to 100 g Part No. **5862302**

Certificate for set of weights F1 of 1 mg to 100 g Part No. **5862402**

Set of weights E2 of 1 mg to 200 g Part No. **5831304**

Set of weights F1 of 1 mg to 200 g Part No. **5832304**

Material: Wooden box with clasp, lined with velvet, a special glove, housing for extractable fractional weights, tweezers and a small brush.

Weight details: 1 mg, 2 mg, 2 mg, 5 mg, 10 mg, 20 mg, 20 mg, 50 mg, 100 mg, 200 mg, 200 mg, 500 mg, 1 g, 2 g, 2 g, 5 g, 10 g, 20 g, 20 g, 50 g, 100 g, 200 g y 200 g

Total 23 weights = 611.11 g

Certificate for set of weights E2 of 1 mg to 200 g Part No. **5862303**

Certificate for set of weights F1 of 1 mg to 200 g Part No. **5862403**