

K

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NAHITA-BLUE balances icons



AUTOMATIC INTERNAL ADJUSTMENT CAL:
Adjustment through internal calibration weight driven by motor.



UNDER WEIGHT:
Through a hook on the bottom of the scale.



ELECTROMAGNETIC FORCE COMPENSATION:
Coil on a permanent magnet, for the most accurate weighing



STRAIN GAUGES



POWER SUPPLY BY BATTERIES:
For batteries operation, the battery type is indicated on each device.



PERCENTAGE DETERMINATION:
Determination of the deviation in % from the theoretical value (100%)



WEIGHTING UNITS:
By pressing the unit key.



AUTOMATIC INTERNAL ADJUSTMENT:
Adjustment through internal calibration weight driven by motor.



POWER CABLE
Integrated into the EU standard 230 V/50 Hz balance.



PIECE COUNTING:
Selectable number of references. Switching from unit display to weight display.



DATA INTERFACE RS-232:
To connect the machine to a printer, computer, or network.



USB:
To connect the equipment to a printer, computer, or other peripheral device.



POWER SUPPLY BY ACCUMULATOR



POWER ADAPTER:
110/220 V as standard in the EU.



KBB - Electronic, precision 1/0.1 g

Series 5171



- 1 | High-precision load sensor and overload protection
- 2 | Large, easy to read backlit LCD display
- 3 | Plastic housing and stainless steel plate.
- 4 | Weighing, parts counting and hook functions for bottom weighing.
- 5 | Automatic calibration by external weight, weight included only in ref. KBB008



balances icons - series 5171



Code	KBB008	KBB009	KBB010	KBB011
Capacity max. (g)	1000	2000	3000	5000
Readability (g)	0.1	0.1	0.1	0.1
Accuracy (g)	± 0,2	± 0,2	± 0,2	± 0,2
Pan size (mm)	Ø 135	Ø 135	155x143	155x143
Weighting units	g, oz, ct, lb			
Calibration weight (kg)	0.5 (Included)	1 (Not included)	2 (Not included)	2.5 (Not included)
Dimensions (mm)	265x200x80			
Power	AC110-220V / 4 battery 1.5V (AA) (Not included)			



▶ KBB - Electrónicas, precisión 1 - 0,1 g

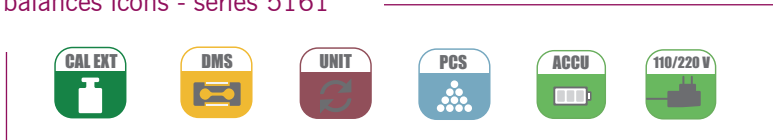
▶ Series 5161



1 | High-precision load sensor. Large and easy to read display with backlit LCD. Plastic housing and stainless steel plate. Polyethylene cover.

2 | Weighing and counting functions. Automatic calibration by external weight (see table), weight only included in the KBB004 model. With integrated rechargeable battery.

balances icons - series 5161



Code	KBB025	KBB004	KBB005	KBB006	KBB007	KBB024
Max. capacity (g)	500	1000	2000	3000	5000	6000
Readability (g)	0.1	0.1	0.1	0.1	0.1	0.1
Accuracy (g)	± 0,2	± 0,2	± 0,2	± 0,2	± 0,2	± 0,2
Pan size (mm)	143x192					
Weighting units	g, kg, ct, T, TAR, dr, PKT, GN, TMR, gsm, tJJ, mo dwt, oz, lb, tIT, ozt, tIH, %					
Calibration weight (kg)	0.5	0.5	1	2	2	2
	(included)	(included)	(not included)	(not included)	(not included)	(not included)
Dimensions (mm)	280x180x80					
Power	110-220VAC, 50/60Hz					



balances icons - series 5161-LED



Code	KBB012	KBB013
Capacity max. (g)	10000	20000
Readability (g)	0.1	
Repeatability	± 0,2 g	
Non linearity	± 0,2 g	
Pan size (mm)	337x237 mm	
Weighting units	gr, kg, lb	
Dimensions (mm)	370x370x125 mm	
Power	100-240V, 50-60 Hz / 4V4AH/20HR	



▶ Series 5031



1 | Multifunction digital scale for weighing foodstuffs. With practical bowl, it facilitates the weighing of any product (solid, liquid, powder, grain...).

2 | Tare and calibration functions.

Code	KBB018
Capacity(g)	1000
Readability (g)	0.1
Pan diameter (mm)	110
Calibration	External
Weighting units	G, oz
Power	2 bateries type AAA 1.5V





▶ KBC - Electronical, precision 0.01 g

▶ Series 5162



balances icons - series 5162



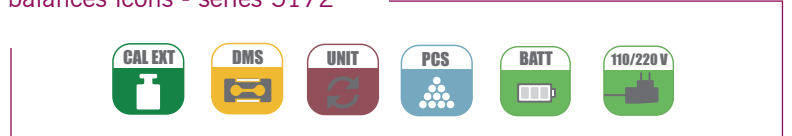
Code	KBC001	KBC002	KBC003	KBC004
Max capacity. (g)	300	500	1000	2000
Readability (g)	0.01	0.01	0.01	0.01
Accuracy (g)	± 0,01	± 0,01	± 0,01	± 0,01
Pan size (mm)	120x155			
Weighting units	g, kg, ct, T, TAR, dr, PKT, GN, TMR, gsm, tLJ mo, dwt, oz, lb, tIT, ozt, tIH, %			
Calibration weight(kg)	0.2 (Included)	0.5 (Included)	0.5 (Included)	1 (Not included)
Dimensions (mm)	280x180x80			
Power	110-220VAC, 50/60Hz			

▶ Serie 5172



- 1 | High-precision load sensor and overload protection.
- 2 | Large, easy to read backlit LCD display. Plastic housing and stainless steel plate.
- 3 | Weighing and piece counting.
- 4 | Automatic calibration by external weight, included except for references KBC008 and KBC009.

balances icons - series 5172



Code	KBC005	KBC006	KBC007	KBC008	KBC009
Max. capacity (g)	300	500	1000	3000	5000
Legibility (g)	0.02				
Accuracy (g)	± 0,01				
Pan size (mm)	155x143				
Weighting units	g, oz, ct, lb				
Calibration weight (kg)	0.2 (Incl.)	0.5 (Incl.)	0.5 (Incl.)	2 (No incl.)	3 (No incl.)
Dimensions (mm)	265x200x80				
Power	110-220VAC / 4 batteries 1.5V (AA) (Not included)				



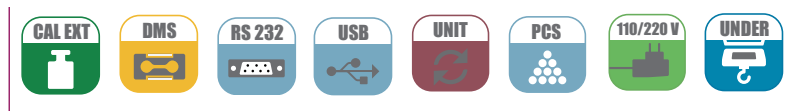
KBD - Electronical, precision 0.001 g

Series 5173



- 1 | High-precision load sensor and overload protection
- 2 | Aluminium housing and stainless steel plate.
- 3 | Large, easy to read backlit LCD display.
- 4 | Weighing, parts counting and hook functions for bottom weighing.
- 5 | Automatic calibration by external weight (included).

balances icons - series 5173



Code	KBD004	KBD005
Max capacity. (g)	100	300
Readability (g)	0.001	0.001
Repeatability (g)	±0.002	±0.002
Linearity (g)	±0.002	±0.002
Error (g)	±0.002	±0.002
Stabilization time (s)	1-1.5	
Pan size (mm)	90	
Weighting units	g, ct, oz, lb, ozt	
Calibration weight(kg)	0.05 (Included)	0.2 (Included)
Total dimensions (mm)	295x192x280	
Power	220-240VAC/50Hz	

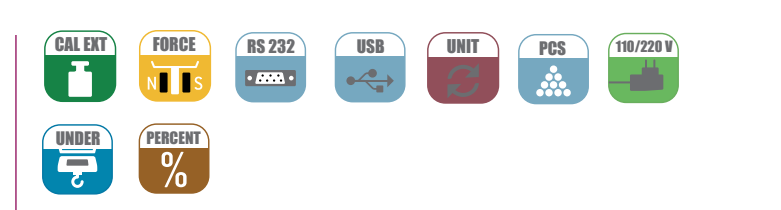


Serie 5183



- 1 | Micro analytical balances have a removable antistatic screen with high brightness for better data visualization..
- 2 | It has an electromagnetic force load cell, automatic external calibration and a personalized weighing unit. External calibration and internal calibration models available (5144 and 5183 series).
- 3 | With bidirectional RS232/USB interface to export data to any spreadsheet, integrated autonomous dual program.
- 4 | Very fast weighing speed and high precision.
- 5 | With spirit level, adjustable feet for leveling and glass hood with sliding side and top doors.
- 6 | Hydrostatic weighing from the bottom of the balance.

balances icons - series 5183



Code (ext. calibration)	KBD015	KBD016	KBD017
Code (int. calibration)	KBD018	KBD019	-
Volume	500 g	1000 g	2000 g
Readability	1 mg		
Stabilization time	1-2 s		
Preheating time	30-60 min		
Units of weight	g/oz/ct/mg		
Min. weight	5 mg		
Repeatability	±1 mg		
Linearity	±2 mg		
Interface	RS232/USB		
Pan size	Ø 90 mm	Ø 110 mm	Ø 110 mm
Weight	6,5 kg		
Power	FTE AC 110-240V; 9VDC 2A		





KBF - Analytical, precision 0.0001 g

► Series 5148



- 1 | Available models with external calibration and internal calibration.
- 2 | High-contrast backlit LCD display.
- 3 | Bidirectional RS232 interface.
- 4 | Quick sensitivity adjustment.
- 5 | Equipped with an electromagnetic force load cell.
- 6 | Includes a bubble level, adjustable feet, and a glass draft shield.

Code (ext. calibration)	KBD021	KBD023
Code (int. calibration)	KBD022	KBD024
Capacity (g)	0-520	0-1000
Accuracy class	Class II	
Readability (g)	0.001	
Units/Functions	g/ct/oz/mg	
Repeatability (g)	± 0.002	
Linearity (g)	± 0.002	
Plate size (mm)	Ø 90	
Approx. dimensions (mm)	320x210x320	
Weight (Kg)	5.5	
Power	AC 110 V-240 V	

► Serie 5163



- 1 | High-contrast LCD display.
- 2 | RS232C interface.
- 3 | Large stainless steel weighing pan.
- 4 | Automatic fault detection, overload protection.
- 5 | Includes a bubble level, adjustable feet, and a glass draft shield.

Code	KBD025	KBD026	KBD027	KBD028
Capacity (g)	0-100	0-200	0-300	0-500
Legibilidad (g)	0-1000			
Units of weight	g/ct/oz/mg			
Repeatability (g)	± 0.002			
Linearity (g)	± 0.002			
Pan size (mm)	Ø 90-120			
Approx. dimensions (mm)	320x195x280			
Weight (Kg)	2.6			
Power supply	AC 110 V-240 V			





▶ KBF - Analytical, precision 0.0001 g

▶ Serie 5144



- 1| Balances have a removable antistatic screen with high brightness for better data visualization.
- 2| It has an electromagnetic force load cell, automatic external calibration and a personalized weighing unit. External calibration and internal calibration models available (5144 and 5183 series).
- 3| With bidirectional RS232/USB interface to export data to any spreadsheet, integrated autonomous dual program.
- 4| Very fast weighing speed and high precision.
- 5| With spirit level, adjustable feet for leveling and glass hood with sliding side and top doors.
- 6| Hydrostatic weighing from the bottom of the balance.



Code (ext. calibration)	KBF010	KBF011	KBF012
Code (int. calibration)	KBF013	KBF014	KBF015
Capacity	120 g	320 g	520 g
Readability		0,1 mg	
Stabilization time	1,5 s	2,5 s	2,5 s
Preheating time		30-60 min	
Units of weight		g/oz/ct/mg	
Min. weight		1 mg	
Repeatability	±0,1 mg	±0,2 mg	±0,2 mg
Linearity	±0,2 mg	±0,3 mg	±0,3 mg
Interface		RS232/USB	
Pan size		Ø 90 mm	
Weight		6,5 kg	
Power	FTE AC 110-240V; 9VDC 2A		

▶ Serie 5149



- 1| With high-definition LCD display.
- 2| Quick sensitivity adjustment.
- 3| Electromagnetic force load cell available.
- 4| With spirit level, adjustable feet and antistatic glass windshield.



Code (ext. calibration)	KBF016	KBF018	KBF020
Code (int. calibration)	KBF017	KBF019	KBF021
Capacity (g)	120	220	320
Accuracy class		Class I	
Readability (g)		0.0001	
Min. weight (g)		0.01	
Units		g/ct/oz/mg	
Repeatability (g)		± 0.0002	
Linearity (g)		± 0.0002	
Interface		RS232	
Pan size (mm)		Ø 90	
Dimensions (mm)		320x210x320	
Weight (Kg)		5.5	
Power	AC 110 V-240 V; 50-60 Hz		

▶ KBG - Electronic/Analytical, accessories

▶ Printer for Nahita Blue balances, model 5000



Code	KBG008
Printing method	Thermal printing
Resolution	8 dots/mm, 384 dots/line
Interface	Parallel interface: DB25 connector Serial port: Toma DB9. RS-485: Toma DB9. USB interface: Square USB
Operating voltage	DC12V
Operating current	2A
Dimensions	145×109×73 (LxWxH)





KBH - Pocket balances

▶ Series 5043



- 1| Compact and robust design with protective cover.
- 2| Backlit touch screen for easy reading
- 3| Stainless steel weighing pan.
- 4| Weighing, parts counting and tare function by direct access key.
- 5| One-point calibration (calibration weight not included).

Code	KBH001	KBH002	KBH003
Capacity (g)	100	200	500
Readability (g)	0.01	0.01	0.01
Pan size (mm)	60x60		
Weighting units	g, ct, dwt, oz, ozt		
Calibration weight	0,1 kg	0.2 kg	-
Dimensions (mm)	70x115x20		
Power	2 battery 1.5 V (AAA)		



KBK - Analytical, precision 0.00001 g

▶ Series 5145



- 1| Micro analytical balances have a removable antistatic screen with high brightness for better data visualization.
- 2| It has an electromagnetic force load cell, automatic external calibration and a personalized weighing unit.
- 3| With bidirectional RS232/USB interface to export data to any spreadsheet, integrated autonomous dual program.
- 4| Very fast weighing speed and high precision. With spirit level, adjustable feet for leveling and glass hood with sliding side and top doors. Hydrostatic weighing from the bottom of the balance.

balances icons - series 5145



Code	KBK002
Capacity	200 g
Readability	0,01 mg to 51 g and 0,1 mg to 200 g
Repeatability	±0,03 mg / ±0,1mg
Linearity	±0,03 mg / ±0,2 mg
Min. weight	0,5 mg / 1mg
Plate diameter	90 mm
Units of weight	g / oz / ct / mg
Weight	6,5 kg
Power	110-240VAC; 9VDC 2A



▶ KBL - Analíticas, precisión 0.000001 g

▶ Serie 5145



- 1| Super stable Electromagnetic force sensor
- 2| High-brightness touchscreen for clear visibility in any lighting condition. Weighing function with multiple selectable units. Customizable measurement units according to user needs.
- 3| Bidirectional RS232 and USB communication interfaces for easy integration with other systems.
- 4| Protective glass draft shield that minimizes the influence of air currents and external factors. Quick sensitivity adjustment for fast and efficient setup.



Code	KBL001	KBL002
Capacity (g)	31 / 3	31 / 6
Readability (mg)	0,01 / 0,001	
Repeatability (mg)	±0,02 / ±0,003	
Linearity (mg)	±0,02 / ±0,010	
Minimum weight (mg)	≥0,1	
Units	g, mg, oz, ct / customisable	
Printer function	Yes	
Plate diameter/material	40 mm / Stainless steel 304	
Dimensions (mm)	325x138x107	
Power supply	110-220 V, 50/60 Hz	



KBN - Weighing accessories

▶ Watch glass, ground edge



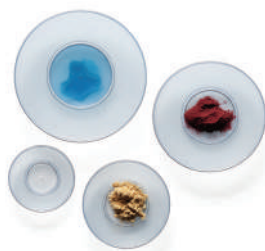
Code	Diameter (mm)	Lot
KBN001	45	10
KBN002	50	10
KBN003	60	10
KBN004	70	10
KBN005	80	10
KBN006	90	10
KBN007	100	10
KBN008	120	10
KBN009	150	10
KBN010	180	10

▶ Watch glass, burnt edge



Code	Diameter (mm)	Lot
KBN011	40	10
KBN012	50	10
KBN013	60	10
KBN014	70	10
KBN015	80	10
KBN016	100	10
KBN017	120	10
KBN018	140	10
KBN019	160	10
KBN059	200	10

▶ Watch glasses, PP



1 | Equipped with a support base that prevents it from turning.

Code	Diameter (mm)	Lot
KBN030	60	10
KBN031	75-80	10
KBN032	100	10
KBN033	125	10

KBN - Weighing accessories

▶ Watch glasses, PTFE



1 | Excellent chemical and mechanical resistance. Will withstand temperatures up to +260°C and for short intervals up to +340°C.

Code	Diameter (mm)
KBN065	60
KBN066	80
KBN067	100
KBN068	120
KBN069	150



1 | Exceptional chemical and thermal resistance.

Code	Diameter (mm)
KBN034	52
KBN035	76
KBN036	99
KBN037	126
KBN038	153

▶ Weighing bottles



1 | Lightweight, autoclavable and reusable. Airtight snap-on lid. Optimum acid resistance.

Code	Cap.	Dim. (ØxH)	Tare	Lot
KBN023	23 mL	30x48 mm	8 g	10
KBN024	20 mL	40x29 mm	8 g	10
KBN025	60 mL	40x69 mm	14 g	10
KBN026	30 mL	49x29 mm	10 g	10
KBN027	50 mL	59x34 mm	18 g	10
KBN028	190 mL	59x88 mm	28 g	10
KBN029	360 mL	70x118 mm	40 g	10



KBN - Weighing accessories


VITLAB

Code	Cap.	Dim. (ØxH)t
KBN515	65 mL	60 x 40 mm
KBN516	50 mL	30 x 50 mm
KBN517	65 mL	35 x 60 mm
KBN518	200 mL	90 x 60 mm

▶ Weighing trays

Kartell


Code	Cap.	Colour	Dim. (mm)	Pack
Square				
KBN039	7 mL	White	43x43x8	B/1000
KBN040	100 mL	White	78.5x78.5x23	B/1000
KBN041	250 mL	White	134x134x23	B/1000
Rhomboidal				
KBN042	5 mL	White	31x53x5.3	B/1000
KBN044	30 mL	White	56x85x14.5	B/500
KBN045	30 mL	Black	56x85x14.5	B/500
KBN046	100 mL	White	96x134.5x18.5	B/250
KBN047	100 mL	Black	96x134.5x18.5	B/250

▶ KBP - Spring balances

▶ Plastic

Nahita


Code	Range	Sensibility
KBP003	250 g / 2.5 N	5 g / 0.05 N
KBP004	500 g / 5 N	10 g / 0.1 N
KBP005	1000 g / 10 N	20 g / 0.2 N
KBP006	2000 g / 20 N	50 g / 0.5 N
KBP007	3000 g / 30 N	50 g / 0.5 N
KBP008	5000 g / 50 N	100 g / 1 N

▶ KBQ - Mechanicals

▶ Roberval series 5001

Nahita


- 1 | Oven-painted steel with treated steel blades and agate bearings
- 2 | Frontal scale for additions from 5g to 50g (depending on model). Weight set included.

Code	KBQ003	KBQ004
Capacity (g)	1000	2000
Readability (g)	1	2
Scale range (g)	0-10	*
Scale division (g)	1	-
Pan size (mm)	Ø 134	Ø 170
Dimensione (cm)	35x14x20	40x18x30

* No front scale

▶ Equal-arm balances

Nahita


- 1 | Weighing system in steel with treated steel blades and blocking system. Removable for storage (wooden box included). Includes a complete set of weights.

Code	KBQ005
Cap./Sensibility (g)	100 / 0.02
Pan size (mm)	Ø 80
Dimensions (mm)	300x160x80

▶ Monoplate balance 4 beams

Nahita

- 1 | Light metal casting, with agate bearings and hardened steel blades.
- 2 | It has 4 arms with sliding weights of 100g, 10g, 1g and 0.1g
- 3 | With platform for hydrostatic weighing. With magnetic cushioning

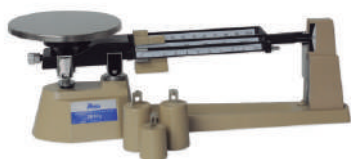


Code	KBQ006
Capacity (g)	311
Sensibility (g)	0.01
1a beam	1g divided each 0.01g
2a beam	10g divided each 1g
3a beam	100g divided each 10g
4a beam	200g divided each 100g
Pan size (mm)	Ø100
Dimensions (mm)	420x180x360



▶ KBQ - Mechanicals

▶ Monoplate balance 3 beams



- 1 | Light metal casting, with agate bearings and hardened steel blades.
- 2 | It has 3 arms with sliding weights.
- 3 | Incorporates a support for additional weights supplied with the equipment:
 - 2 weights of 295g that increase the capacity by 1000g.
 - 1 weight of 147.5g that increases in 500g the capacity.
- 4 | With magnetic cushioning

Code	KBQ007
Capacity (g)	610 2610, with additional weights
Sensibility (g)	0.1
1a beam	10g divided each 0.1g
2a beam	500g divided each 100g
3a beam	100g divided each 10g
Pan size (mm)	150 mm
Dimensions (mm)	420x180x360

▶ KBR - Mechanical, weight set

▶ Set of weights, 200 g



Code	KBR001	
Composed of	1 weight of 100 g	1 weight of 10 g
	1 weight of 50 g	1 weight of 5 g
	2 weight of 20 g	1 clamp

▶ Set of weights, 500 g



Referencia	KBR002	
Composed of	1 weight of 200 g	2 weight of 20 g
	2 weight of 100 g	1 weight of 10 g
	1 weight of 50 g	1 clamp

▶ KBR - Mechanical, weight set

▶ Set of weights, 1000 g



Code	KBR003	
Composed of	1 weight of 500g	1 weight of 50 g
	1 weight of 200g	2 weight of 20 g
	2 weight of 100g	1 weight of 10 g

▶ Set of weights, 2000 g



Code	KBR004	
Composed of	1 weight of 1 kg	1 weight of 50 g
	1 weight of 500 g	2 weight of 20 g
	1 weight of 200 g	1 weight of 10 g
	2 weight of 100 g	

▶ KBS - Weights E2



- 1 | High-precision test and adjustment weights for high-resolution analytical balances in verification class I with a maximum resolution of more than 100,000 d. Made of non-magnetic stainless steel
- 2 | Supplied with individual storage box.

Code	Weight (nominal value)	Tolerance (mg)
KBS002	1 g	± 0.03
KBS003	2 g	± 0.04
KBS004	5 g	± 0.05
KBS005	10 g	± 0.06
KBS006	20 g	± 0.08
KBS007	50 g	± 0.10
KBS008	100 g	± 0.15
KBS009	200 g	± 0.30
KBS010	500 g	± 0.75
KBS011	1 Kg	± 1.50
KBS012	2 Kg	± 3.00
KBS013	5 Kg	± 7.50
KBS014	10 Kg	± 15.00
KBS015	20 Kg	± 30.00
KBS001	Set 12 fractions E2 of 500mg to 1mg**	----

** Set of fractions: 1x1mg, 2x2mg, 1x5mg, 1x10mg, 2x20mg, 1x50mg, 1x100mg, 2x200mg and 1x500mg.



▶ KBT - Weights E2



- 1 | High-precision weights indicated for control, calibration and adjustment of analytical balances in verification class I, with a maximum resolution of approximately 100,000 d
- 2 | Made of stainless steel. Supplied with individual storage box.

Code	Weight (nominal value)	Tolerance (mg)
KBT002	1 g	± 0.10
KBT003	2 g	± 0.12
KBT004	5 g	± 0.15
KBT005	10 g	± 0.20
KBT006	20 g	± 0.25
KBT007	50 g	± 0.30
KBT008	100 g	± 0.50
KBT009	200 g	± 1.00
KBT010	500 g	± 2.50
KBT011	1 Kg	± 5.00
KBT012	2 Kg	± 10.00
KBT013	5 Kg	± 25.00
KBT014	10 Kg	± 50.00
KBT015	20 Kg	± 100.00
KBT001	Set 12 fractions F1 from 500 mg to 1mg**	-----

** Set of fractions: 1x1mg, 2x2mg, 1x5mg, 1x10mg, 2x20mg, 1x50mg, 1x100mg, 2x200mg and 1x500mg.

▶ KBV - Weights F2



- 1 | High-precision weights suitable for high-precision scales in verification class II, with a maximum resolution of up to approx. 50,000 d
- 2 | Made of stainless steel. Supplied with individual storage box.

Code	Weight (nominal value)	Tolerance (mg)
KBV002	1 g	± 0.3
KBV003	2 g	± 0.4
KBV004	5 g	± 0.5
KBV005	10 g	± 0.6
KBV006	20 g	± 0.8
KBV007	50 g	± 1.0
KBV008	100 g	± 1.5
KBV009	200 g	± 3.0
KBV010	500 g	± 7.5
KBV011	1 Kg	± 15.0
KBV012	2 Kg	± 30.0
KBV013	5 Kg	± 75.0
KBV014	10 Kg	± 150.0
KBV015	20 Kg	± 300.0
KBV001	Set 12 fractions F2 from 500 mg to 1mg	-----

** Set of fractions: 1x1mg, 2x2mg, 1x5mg, 1x10mg, 2x20mg, 1x50mg, 1x100mg, 2x200mg and 1x500mg.

▶ KBW - Weights M1



- 1 | Precision weights for commercial and industrial scales in verification class III, with a maximum resolution of up to 10,000 d.
- 2 | Made of A3 steel. Supplied with individual storage box.

Code	Weight (nominal value)	Tolerance (mg)
KBW001	Set 12 fractions M1 of 500mg to 1mg**	-----
KBW002	1 g	± 1.0
KBW003	2 g	± 1.2
KBW004	5 g	± 1.5
KBW005	10 g	± 2.0
KBW006	20 g	± 2.5
KBW007	50 g	± 3.0
KBW008	100 g	± 5.0
KBW009	200 g	± 10.0
KBW010	500 g	± 25.0
KBW011	1 Kg	± 50.0
KBW012	2 Kg	± 100.0
KBW013	5 Kg	± 250.0
KBW015	10 Kg	± 500.0
KBW017	20 Kg	± 1000.0

** Set of fractions: 1x1mg, 2x2mg, 1x5mg, 1x10mg, 2x20mg, 1x50mg, 1x100mg, 2x200mg and 1x500mg.

▶ Block Weight class M1



- 1 | According to OIML-R111.
- 2 | Made of painted cast iron.
- 3 | Density 7.2g/cm³.

Code	Weight (nominal value)	Tolerance (mg)
KBW014	5 Kg	±250
KBW016	10 Kg	±500
KBW018	20 Kg	±1000

▶ Certification ENAC for weights

Code	Description
KBS016	ENAC E2, from 1 mg to 500 g
KBT016	ENAC F1 from 1 mg to 10 kg
KBV016	ENAC F2, from 1 mg to 10 kg
KBW019	ENAC M1, from 1 mg to 10 kg



KCD - Analyzer

Halogen Moisture Analyzer



1 | Easy-to-use and intuitive moisture analyzer with 5-inch high-definition touch screen. Silent double action opening. It has an RS232 port to connect a printer. Possibility to print up to 9 data log groups stored in memory. Equipped with a level gauge and two adjustable leveling feet to compensate for slight unevenness on the operating table.

3 | Includes:

- 100 g weight
- 50 g weight
- 20 g weight
- 180 mm long metal clamp

Code	KCD001
Maximum weighing value	100g (readability 0,001 g)
Readability of moisture content	0,01%
Moisture measurement accuracy	±0,5% (for samples = 3 g)
Temperature adjustment tolerance	±1°C
Temperature range of analysis	50°C - 180 °C
Analysis time range	0 - 99 min
Sample drying parameters	9 types
Moisture content measurement range	0 - 100%
Communication	RS232 port
Weighing pan size	∅ 100 mm
Heat source	High-efficiency halogen lamp
Ambient relative humidity	50 - 75% (non-condensing at 30°C)
Dimensions (LxAxH)	350x185x140 mm
Weight	3 kg
Power	220VAC, 50 Hz

KDB - Testers

Mini pH-tester



1 | Ideal for laboratory and field practice. With two-point calibration.

Code	KDB003
Range	0-14 pH
Resolution	0.01 pH
Accuracy	± 0.05 pH
ATC	0-60 °C
Dimensions (mm)	150x29x15
Power	4 batteries x 1.5V

KDB - Testers

pH pocket tester, Premium series



1 | Parameters: pH, ORP, Temperature. With different types of replaceable and interchangeable electrodes. With automatic temperature compensation.

2 | Triple colour backlit display with indicative icons. IP67 water and dust resistant. Compatible probes: KDG014 (bulb glass), KDG015 (flat), KDG016 (spear).

Code	KDB004	KDB005	KDB006
Parameter	pH/ORP/°C	pH/ORP/°C	pH/ORP/°C
Range	-2.00-16.00 pH ±1000 mV ORP 0-50°C	-2.00-16.00 pH ±1000 mV ORP 0-50°C	-2.00-16.00 pH ±1000 mV ORP 0-50°C
Accuracy	±0.01 pH ±0.2%Fs	±0.01 pH ±0.2%Fs	0.01 pH / ±0.01 ±0.2%Fs
Calibration	1 to 3 points	1 to 3 points	1 to 3 points
Electrode	Bulb glass	Flat	Spear

pH pocket tester, Smart series



1 | New generation smart analysers, the Smart Series enables recording of measured parameters on mobile devices (Android or iOS) using the ZenTest application via Bluetooth 5.0.

2 | Compatible probes: KDG017 (bulb glass), KDG018 (flat), KDG019 (spear) and KDG044* (ORP electrode).

Code	KDB007	KDB008	KDB009
Parameter	pH/ORP/°C	pH/ORP/°C	pH/ORP/°C
Range	-2.00-16.00 pH ±1000 mV ORP 0-50°C	-2.00-16.00 pH ±1000 mV ORP 0-50°C	-2.00-16.00 pH ±1000 mV ORP 0-50°C
Accuracy	±0.01 pH ±0.2%Fs	±0.01 pH ±0.2%Fs	0.01 pH / ±0.01 ±0.2%Fs
Calibration	1 to 3 points	1 to 3 points	1 to 3 points
Electrode	Bulb glass	Flat	Spear



▶ KDB - Testers

▶ Digital pocket pH meter



- 1| It is not necessary to keep the electrode immersed in 3M KCl.
- 2| Automatic temperature compensation. Buttons for: ON/OFF switch, HOLD button, CAL button for calibration.
- 3| Acidic or basic pH range calibration. 3-point calibration. Includes carrying case, manual and 3 sachets of pH 4.01, 6.86 and 9.18 pH buffer solutions. 6.86 and 9.18.

Code	KDB011
Display	LCD
Replaceable electrode	Code KDG046
Range	0,00 – 14,00 pH
Resolution	0,01 pH / 0,1 pH (can be changed) 0,1 °C / 0,1 °F
Accuracy	± 0,05 pH
Power	3 button cell batteries type 1,5V LR44 (included)
Operating temperature	0°C~50°C (32~122°F)

▶ pH pocket tester Premium



- 1| Replaceable combined probe design. Multi-color backlight display, easy to read data in different modes.
- 2| Buffers solutions: CH, USA, NIST standards are selectable. Auto shut-off time, customized backlight display time. Supplied with standard solution, sample vials and lanyard for convenient field test.
- 3| Protection class IP67.

Code	KDB012	KDB013
Model	DPH1	DPH1+
Bluetooth connexion	-	Yes
Parameter	pH/ORP/°C	
Range	-2.00-16.00 pH; ±1000 mV ORP; 0-50°C	
Accuracy	±0.01 pH; ±0.1%Fs	
Power	3x1,5V AAA (included)	
Calibration	1 to 3 points	
Electrode	DPH1-S standard; DORP1-S optional	

▶ KDB - Testers

▶ pH pocket tester PH20



- 1| Easy Auto. calibration; Auto. Temp. Compensation (ATC) ensures accuracy in variant temperatures (32-122°F).
- 2| Complete kit with ready-to-use calibration solutions, batteries, and a lanyard in a rugged carrying case
- 3| IP67 waterproof protection.

Code	KDB014
Range	0,00 – 14,00 pH; 0-50 °C
Resolution	0,1 pH; 0,1 °C
Calibration	Automatic 1 to 3 points
Power	4xAAA batteries; DC3V
Electrode	Bulb (glass)

▶ KDD - Laboratory pH-meters

▶ Portable pH-meter, 850 series



- 1| Supplied with pH combination electrodes with integrated temperature probe. Automatic temperature compensation (electrode KDG021).
- 2| Large LCD display with automatic locking and shut-off.

Code	KDD007
Model	pH850
Parameters	pH/mV/Temp
pH	
Range	0-14
Resolution	0.1/0.01 pH
Accuracy	±0.01 pH ± 1 digit
Temp. compensation	0-100°C
Calibration	1 to 3 points (USA/NIST)
mV	
Range	±1000 mV
Resolution	1 mV
Accuracy	± 0.2% FS ± 1 digit
Temperature	0 – 100°C



▶ KDD - Laboratory pH-meters

▶ Benchtop meters, 700 series



- 1| Equipped with long-lasting 3-in-1 pH combination electrode and conductivity combination electrode, with integrated temperature probe
- 2| Automatic recognition of 6 types of pH standard solutions. Electrode: KDG021

Code	KDD008
Model	pH700
Parameters	pH/mV/°C
pH	
Range	0 – 14 pH
Resolution	0.1/0.01 pH
Accuracy	±0.01 pH ± 1 digit
Temp. compensation	0-100°C
Calibration	1 to 3 automatic points
mV	
Range	± 1999 mV
Resolution	1 mV
Accuracy	±0.1 % FS ± 1 digit
Temperature	0 – 100°C

▶ Benchtop meters, 820 series



- 1| They are supplied with a long-life premium glass pH electrode and a brush-resistant plat num back (BPB) conductivity and temperature combination electrode.
- 2| Their intelligent processor automatically recognises up to 15 types of pH buffer solutions and up to 8 types of conductivity standard solutions. BNC connector for pH electrode and RCA for temperature. Compatible electrodes: KDG022 (pH routine electrode) and KDG039 (Temperature probe).

Code	KDD009
Parameters	pH/mV/°C
pH	
Range	-2.000 – 19.999 pH
Resolution	0.1/0.01/0.001 pH
Temp. compensation	0-100°C
Calibration	1 to 5 automatic points
mV	
Range	± 1999 mV
Resolution	1 mV
Accuracy	±0.1 % FS ± 1 digit
Temperature	0 – 100°C

▶ KDD - Laboratory pH-meters

▶ Portable pH/mV/Temperature meter



- 1| pH meter with advanced electronic technology and high quality components. Very constant and highly accurate measurements. Calibration at one or two points.
- 2| The instrument is supplied in a plastic case including: 1 bottle of 6.86pH solution and 1 bottle of 4.003pH solution, 1 pH electrode (gel-filled and non-refillable) with small-format coaxial connection, 1 temperature probe, 1 9v. 6LR61 battery, 2 plastic holders that attach on one side to hang the electrode and temperature probe.

Code	KDD010
Range	0.00/14.00 pH; 0/±1999 mV; 0/100° C
Resolution	0.01 pH; 1 mV; 0.1 °C
Accuracy	±0.01 pH; ±0,1% F-S (±1 digit); ±0.4 °C
Power / Battery	1 x 9V (6LR61)
Dimensions	123 x 72 x 33 mm

▶ Portable pH meter DPH10



- 1| 3.5" TFT Color Display, easy to read. The new UI interface, easy operation.
- 2| Intelligent function with Auto. timing datalogger, parameter setting, data holder. Data storage up to 3000 groups.
- 3| Charging socket: USB/Type-C, in line with the European new regulations. Protection class: IP57

Code	KDD011
Range	2.000/20.000 pH; -1999,9 / +1999,9 mV; 0/100° C
Resolution	0.1/ 0.01/ 0.001 pH; 0.1/1 mV; 0.2 °C
Accuracy	±0.01 pH; ±0,1% F-S (±1 digit); ±0.4 °C
Power supply	Rechargeable lithium battery
Dimensions	80 x 360 x 270 mm



KDD - Laboratory pH-meters

Bench top pH meter DPH100



- 1 | High-res 7" display screen with white backlight, easy to read
- 2 | Automatic calibration, ATC measurement, parameter setup. Automatic reading stable indication, calibration indication.
- 3 | Data export: Flash disk/ Wireless printer (the printer is optional).
- 4 | Equipped with a flexible probe holder and pH buffer solutions for convenient use.
- 5 | Protection class: IP54.

Code	KDD012
Range	2.0/20.0 pH; -1999,9 / +1999,9 mV; 0/100° C
Resolution	0.1/ 0.01 pH; 0.1/1 mV
Accuracy	±0.01 pH; ±0,1% F-S (± 1 digit); ±0.2 °C
Power supply	DC 12V
Dimensions	80 x 360 x 270 mm

Bench top "Touch screen" pH meter DPH100T



- 1 | High-res 7" touch screen, easy for operation. Intelligent functions such as automatic calibration, automatic temperature compensation, timing, data logger, parameter setup, etc.
- 2 | 1 to 5-point calibration for pH mode.
- 3 | Data export: Flash disk/PC/Wireless printer (the printer is optional).
- 4 | Equipped with a flexible probe holder, magnetic stirrer and standard calibration solution.
- 5 | Protection class: IP54

Code	KDD013
Range	2.000/20.000 pH; -1999,9 / +1999,9 mV; 0/100° C
Resolution	0.01/ 0.001 pH; 0.1/1 mV
Accuracy	±0.01 pH; ±0,1% F-S (± 1 digit); ±0.2 °C
Power supply	DC 12V
Dimensions	80 x 360 x 270 mm

KDG - Electrodes and accessories

Electrode stand



- 1 | Painted steel base. 3-point articulated plastic arm.
- 2 | Holds up to 3 electrodes simultaneously. Easy adjustments in various angles and directions. Head with 1 central hole.

Code	KDG045
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KDG - Electrodes and accessories

LabSen pH electrodes



- 1 | pH probe connector, BNC type. Temperature probe connector, RCA type
- 2 | Compatible with all Apera portable and benchtop pH analysers.

Code	KDG020	KDG021	KDG022
Model	201-C	201T-F	211
Range	0-14 pH	0-14 pH	0-14 pH
Body	PC	PC	Glass
Membrane	Glass, spherical	Glass, spherical	Glass, hemispherical
Probe temp.	No	NTC 30KΩ	No
Junction	Ceramic	Ceramic	Ceramic
Dims. (øxL)	12x160 mm	12x160 mm	12x120 mm

* For more options, consult

Code	KDG024	KDG029
Model	331	223
Range	0-14 pH	0-14 pH
Body	POM	Glass
Probe temp.	No	NTC 30kΩ
Membrane	Spherical	Glass, cylindrical
Junction	1 pore	Ceramic
Dims. (øxL)	12x120 mm	12x130 mm

* For more options, consult



▶ KDG - Electrodes and accessories

▶ Standard solution pH



1 | High Accuracy (± 0.01 pH): standardized against NIST certified pH references within 0.01 pH at 25°C (77°F). Ideal for the calibration of all kinds of pH meters.

Code	Volume	pH	Colour
KDG040	50 mL	4.00	Red
KDG041	50 mL	7.00	Green
KDG042	50 mL	10.01	Blue

▶ Protelyte pH Electrode Storage Solution



1 | Protelyte pH Electrode Storage Solution is used for storage and refilling of pH electrodes containing Protelyte electrolytes, such as in LabSen 821 and LabSen 823 electrodes. The solution can also be used for storage of LabSen 753 electrodes. and LabSen 763.

Code	Volume
KDG048	250 mL

▶ KDJ - pH paper

▶ Universal



Code KDJ037

Code	pH	Format
KDJ002	0-10	Box of 200 strips
KDJ003	0-10	Roll 5 meters
KDJ037*	0-14	Box of 100 strips
KDJ005	1-14	Box of 200 strips
KDJ007	1-14	Box of 80 strips
KDJ006	1-14	Roll of 5 meters
KDJ032	1-14	3 rolls of 5 meters < <i>refill for for code KDJ006</i>

* with 4 pads

▶ KDD - Laboratory pH-meters

▶ pH-meter and moisture tester for soil



- 1 | Portable and resistant for use in agriculture and gardening.
- 2 | Sensor integrated in the conical end.
- 3 | No power required.

Code	KDD004
Range pH	3-8 pH
Humidity Range (%)	1-8 (10-80%)
Resolution pH - %	0.2 pH - 10%
Probe	Fixed (30 cm)
Dimensions (mm)	410x50



▶ KGB - Pocket tester

▶ EC/TDS/CF Soil Tester with Probe



1 | Soil meter with high quality probes. Too high or too low carbon content in the soil hinders plant growth. Fertilisers also produce different ECs in the soil that are involved in the different stages of plant growth. The TDS value indicates the presence of Total Soluble Solids in water. The lower the TDS value, the higher the solubility of heavy ions in water.

Code	KGB014
Range	
CE	0,00 - 4,00 mS/cm
CF	0,00 - 4,00 CF
TDS	0 / 100° C
Resolution	
CE	0,01 mS/cm
CF	0,01 CF
TDS	10 ppm
Accuracy	±2%FS
ATC	0°C-50°C
Weight	219 g

▶ Pocket conductimeter tester, premium series



1 | Automatic recognition of 5 types of buffer solutions. Triple-colour backlit display with icons indicator. Compatible probe: KGG007

Code	KGB011
Parameters	EC/ °C
Conductivity	
Range	0-200.0 μS/cm; 0-2000 μS/cm 0-20.00 mS/cm; 0-50.0°C
Resolution / Accuracy	0.1/1 μS, 0.01 mS / ±1%Fs
Calibration	1 to 3 points
Salinity	0 to 10.00 ppt

▶ KGB - Pocket tester

▶ Pocket conductimeter tester, smart series



1 | Step-by-step operation guide, calibration reminders, self-diagnostics, measurement. Calibration status and electrode status message. Compatible probe: KGG008

Code	KGB012
Parameters	EC/ °C
Conductivity	
Range	0-200.0 μS/cm; 0-2000 μS/cm 0-20.00 mS/cm; 0-50.0°C
Resolution / Accuracy	0.1/1 μS, 0.01 mS / ±1%Fs
Calibration	1 to 3 points
Salinity	0 to 10.00 ppt

▶ Pocket conductimeter tester, smart series



- 1 | Replaceable combined probe design. Multi-colour backlight display, easy to read data in different modes.
- 2 | Buffers solutions: CH, USA, NIST standards are selectable Auto shut-off time, customized backlight display time. Supplied with standard solution, sample vials and lanyard for convenient field test.
- 3 | Dual-control mode with mobile APP connection to achieve powerful data storage The mobile APP provides four types of measurement display for different situations, including Graph mode, Table mode, Dial mode, and General mode. Protection class: IP67.

Code	KGB015	KGB016
Model	DEC1	DEC1+
Bluetooth connexion	-	Yes
Parameter	Cond/TDS/Sal./Res./°C	
Temperature range	0-60 °C (32-140 °F)	
Temperature Accuracy	±0.2 °C	
Conductivity range	0-19.99 ms/cm	
TDS	0.0 mg/L-10.0 g/L	
Salinity	0-10 ppt	
Res	50 Ω cm-20M Ω cm	



▶ KGD - Laboratory conductivity-meters

▶ 850 Series



- 1 | Supplied with combined conductivity electrodes with integrated temperature probe. Automatic temperature compensation
- 2 | Large LCD display with automatic locking and shutdown
- 3 | Compatible probes: KZD026 (Conductivity electrode with temperature probe (k=1), 2301T-S)

Code	KGD004
Model	EC850
Parameters	Cond/TDS/Temp
Conductivity	
Range	0 – 19.99 μ S/cm; 20.0 – 199.9 μ S/cm 200-1999 μ S/cm; 2 – 19.99 mS/cm 20 - 200.0 mS/cm
Resolution	0.01/0.1/1 μ S, 0.01/0.1 mS
Accuracy	\pm 1.0% FS \pm 1 digit
Temp. compensation	0 – 50°C
Calibration	1 to 3 points
Temperature	0 – 100°C

▶ 700 Series



- 1 | Equipped with a combined conductivity electrode with integrated temperature probe. Automatic detection of 8 types of conductivity. Automatic calibration mode, calibration guide and automatic verification.
- 3 | Automatic temperature compensation, 50 data storage groups.
- 4 | Electrode support arm and calibration standard solutions included.
- 5 | IP54 protection rating. BNC connector for conductivity and RCA for temperature probe.

Code	KGD005
Model	EC700
Parameters	Cond./°C
Conductivity	
Range	0 – 19.99 μ S/cm; 20.0 – 199.9 μ S/cm 200-1999 μ S/cm; 2 – 19.99 mS/cm 20 - 200.0 mS/cm
Resolution	0.01/0.1/1 μ S, 0.01/0.1 mS
Accuracy	\pm 1.0% FS \pm 1 digit
Temp. compensation	0 – 50°C
Calibration	1 to 3 points
Temperature	0 – 100°C

▶ KGD - Laboratory conductivity-meters

▶ 820 Series



- 1 | Large LCD display with simultaneous display of pH/Cond and temperature, icons for stable readings and calibration completion stable readings and calibration completion.
- 2 | Storage of 500/1000 data sets for Good Laboratory Practice (GLP).
- 3 | USB data output, cable and 820 Series PC-link software (Windows only) included. Combined conductivity (BPB) and temperature electrode. Flexible 3-electrode holder included.
- 4 | Calibration solutions for conductivity (84 μ S/cm, 1413 μ S/cm, 12.88 mS/cm). Dust and splash protection rating IP54.

Code	KGD006
Parameters	Cond/TDS/Sal/°C
Conductivity	
Range	0 – 19.99 μ S/cm; 20.0 – 199.9 μ S/cm 200-1999 μ S/cm; 2 – 19.99 mS/cm 20 - 200.0 mS/cm
Resolution	0.01/0.1/1 μ S, 0.01/0.1 mS
Accuracy	\pm 0.5% FS \pm 1 digit
Constant electrode	0.01/0.1/1.0/10.0 cm-1
Compensation temp.	0 – 50°C
Calibration	1 to 4 points, automatic
Temperature	-10 – 110°C

▶ Benchtop conductimeter with stirring, EC950



- 1 | GLP data management (incl. time, date, sample ID, electrode, user) with data output via USB. Password protected operation; GLP printer support. Including magnetic stirrer and electrode holders. Multilingual operating system (English, German, Chinese, Spanish)
- 2 | Large backlit LCD display. Thanks to the integrated microprocessor chip, the meter features intelligent functions such as automatic calibration, automatic temperature compensation, function adjustment, self-diagnostics and data logger

Code	KGD007
Parameters	Cond/TDS/Sal/°C
Conductivity measuring range	EC: 0 to 2000 mS/cm / TDS: 0 to 500 g/l Salinity: 0 to 100 ppt Resistivity: 0 to 20 M Ω cm.
Resolution	0.01/0.1/1 μ S/cm; 0.01/0.1/1 mS/cm / 0.1 °C
Accuracy	\pm 0.5% F.S. \pm 1 digit / \pm 0.5 °C \pm 1 digit
Temp. measuring range	-10 to 110.0 °C



KJB - Solid stem

Solid stem



1 | Brown graduation resistant to the action of physical-chemical agents. Filled with non-contaminating or dangerous coloured organic liquid. Ring to suspend the thermometer. Supplied in individual protective plastic case.

Code	Range	Divisions	Length
KJB003	-10 / 50 °C	0.5 °C	30 cm
KJB004	-10 / 110 °C	0.5 °C	30 cm
KJB009	-10 / 250 °C	1 °C	30 cm
KJB010	-10 / 50 °C	1 °C	30 cm
KJB011	-10 / 110 °C	1 °C	30 cm
KJB012	-10 / 150 °C	1 °C	30 cm
KJB013	-10 / 200 °C	1 °C	30 cm
KJB014	-10 / 250 °C	2 °C	30 cm
KJB017*	-10 / 50 °C	0.2 °C	55 cm
KJB018	-10 / 50 °C	0.1 °C	55 cm
KJB019	-10 / 110 °C	0.2 °C	55 cm
KJB020	-10 / 110 °C	0.1 °C	55 cm
KJB021	-50 / 50 °C	1 °C	30 cm
KJB022	-100 / 50 °C	1 °C	30 cm
KJB023	- 20 / 150	2°C	30 cm

* without a glass ring

KJD - Enclosed scale

Coloured spirit filled



1 | Internal scale graduated in black. Ring to suspend the thermometer.
2 | Filled with non-contaminating or dangerous coloured organic liquid. Supplied in individual protective plastic case.

Code	Range	Divisions	Length
KJD001	-10/50 °C	0.5 °C	30 cm
KJD002	-10/110 °C	0.5 °C	30 cm
KJD005	-10/50 °C	1 °C	30 cm
KJD006	-10/110 °C	1 °C	30 cm
KJD007	-10/150 °C	1 °C	30 cm
KJD008	-10/200 °C	1 °C	30 cm
KJD009	-10/250 °C	2 °C	30 cm

KJJ - With metal probe

Digital thermometer with metallic probe



1 | 180 mm long metal probe in food grade stainless steel 304 and 1 metre long steel mesh cable.
2 | Clock (12/24H), stopwatch, and alarm functions. Powered by 1.5V AAA battery (included).

Code	KJJ002
Range	0/300 °C (32/572 °F)
Resolution	0.1°C

Digital thermometer with removable metal probe



1 | ABS plastic housing. Probe made of stainless steel 304, 115 mm..
2 | LCD display. Within 5 seconds the actual temperature of the measured object can be read.

Code	KJJ005
Range	-50 / 300 °C (-58/572 °F)
Resolution	0.1 °C (0.1 °F)
Battery*	1x1.5V (AAA)
Dimensions	150x35x20 mm

* Not included

Digital



1 | Temperature measurement in solids and semi-solids (food, soil, etc.). LCD screen for convenient and quick data reading.
2 | Fixed stainless steel penetration probe of 150 mm.

Code	KJJ004
Functions	Memory of maximum and minimum.
Range	-50/300°C - 58/572°F
Accuracy	0.1 °C - 0.1 °F
Battery	1x1.5V (AG13)



▶ KJM - Room temperature

▶ Digital



Code - KJM016

1 | Thermometer with digital LCD display for measuring both indoor and outdoor temperatures at the same time with a 1.5 meters outdoor temperature sensor. For changing between Celsius and Fahrenheit degree just pressing a key. The thermometer recorded daily maximum or minimum value of indoor and outdoor temperature.

Code	KJM016	KJM017
R.T^a indoor	-10/50°C;14/122°F	-0/50°C;32/122°F
R.T^a outdoor	-40/70°C;-40/158°F	-40/70°C; -40/158°F
R.HR	-	10%-99%
Resolution	0.1 °C; 0.1 °F	±1 °C;±2 °F
Accuracy	±1 °C; ±2 °F	±1 °C;±2 °F;±5 %HR

▶ Plastic



Code-KJM006



Code-KJM015

Code	Range	Resol.	Dimensions
KJM006	-40/50 °C -40/120 °F	1 °C 2 °F	400x65 mm
KJM015	-15/50 °C 8/120 °F	1° C 2 °F	200x45 mm

▶ Relative humidity thermometer (Psychrometer)



1 | Made of plastic with protective canopy for outdoors.
2 | With double wet-bulb and dry-bulb thermometer. Built-in correlation table to extrapolate relative humidity reading.

Code	Range	Resolution	Dimensions
KJM014	-10/50 °C	1 °C	300x75 mm

▶ KJM - Room temperature

▶ Thermometer Hygrometer



1 | It has a 12/24h clock function with alarm. Material: ABS

Code	KJM025
Measurement range	
Temp. / Humidity	-10°C ~ +50°C / 10% ~ 90% RH
Accuracy	
Temp. / Humidity	± 1 °C (1,8°F) / ± 5% HR
Resolution	
Temp. / Humidity	0,1 °C (0,2 °F) / 1% HR
Power supply	1 x 1,5V AAA (included)

▶ Maximum-minimum



Code-KJM019



Code-KJM020

Code	Range	Resolution	Lenght
KJM019	-40/50 °C	1 °C	240 mm
KJM020	-40/50 °C	1° C	240 mm

▶ Waterproof thermometer with maximum and minimum values



1 | The thermometer has digital display, maximum and minimum temperature memory function, with hook hole, can be hung on windows or walls. It is waterproof, can be placed directly outside.

Code	KJM024
Measuring range	-20°C / +50°C
Accuracy	± 1 °C (1,8°F)
Resolution	0.1 °C (0.2 °F)
Power supply	1 x 1.5V AAA (not included)
Dimensions	132 x 80 x 30 mm



KJP - For refrigerators

Low temperatures



Code - KJP005

- 1 | Filled with colored organic liquid..

Code	Description	Range	Divi.
KJP001	Solid steam, 150 mm	-40/40 °C	1 °C
KJP005	With hook, 200 mm	-40/45 °C	1 °C

KJR - Others

Thermometer with ring



- 1 | With a ring to suspend the thermometer.
- 2 | Non-polluting or dangerous coloured organic liquid.

Code	Range	Resolution
KJR002	0/50 °C	1 °C

Thermometer for wine



- 1 | Wooden head that allows it to be attached to the bottle mouth.
- 2 | Non-polluting or dangerous coloured organic liquid.

Code	Range	Resolution
KJR003	0/40 °C	1 °C

KJR - Others

Soil thermometer



- 1 | Inserted in protective aluminium housing.
- 2 | Non-polluting or dangerous coloured organic liquid.

Code	Range	Resolution
KJR006	-10/110 °C - 20/220 °F	1 °C

Digital Thermo-Hygrometer with Thermocouple Type K



- 1 | HD LCD screen with backlight display for clear display. The temperature measuring line is resistant to high temperature, corrosion, fear of bending and repeated use.
- 2 | Made of high-quality rubber material, it comfortable handfeel and not easy to fall off.
- 3 | K-type thermocouple contact temperature measurement, unique contact temperature measurement.

Code	KJR015
Temperature	
Range	-10,00~+50,00 °C (K-type probe: -20.00~+1000,00 °C)
Resolution	0,1°C (K-type probe: 1° C)
Accuracy	±1,5 °C
Humidity	
Range	5 ~ 98 %HR
Resolution	0,1 % HR
Accuracy	±5% HR (5-40% HR); ±3% HR (41-80% HR)
Power	1 x 9V (6F22 PP3)
Dimensions	156x66x33 mm



▶ KKB - Stopwatches

▶ Digital



1 | With stopwatch, clock and calendar functions. Supplied with a cord.

Code	KKB001
Watch	12/24 h
Stopwatch	23 h 59 min 59 s
Resolution	1/100 s (≤30 min) / 1 s (>30 min)
Power	Lithium battery

▶ KKF - Timers

▶ Pocket timer



1 | With robe pocket clip, magnet for metal surfaces and ring for vertical positioning.

Code	KKF002
Watch	Mode 12/24 h
Timer	Máx. 23 h 59 min 59 s, with thin alarm of 1 min
Memory	1
Stopwatch	23 h 59 min 59 s
Dimensions	52x67x25 mm
Power	1 button cell



Kartell

Code	KKF005
Watch	12/24 h
Timer	19h 59' (alarm)
Case	ABS white
Type	Support/Clip/Magnet
Dimensions	50x62x23 mm

▶ KKF - Timers

▶ Alarm timer



1 | They are designed to be placed on the desk or to be hanged, and they are provided with a magnet to fix them on metallic surfaces.

Code	Max. time	Divisions	Dimensions
KKF001	60 min	1 min	70x70x40 mm

▶ KLB - Alcoholometers



1 | Glass body. Presentation in individual case. Calibrated at 20°C except KLB015* at 15°C. In Gay Lussac scale (% alcohol volume) and Cartier scale (KLB014 and KLB015).

Code	Range (%V)	Divisions	Length	Diameter
KLB004	0-10 %	1/10	330 mm	31 mm
KLB005	10-20 %	1/10	330 mm	31 mm
KLB006	20-30 %	1/10	380 mm	31 mm
KLB007	30-40 %	1/10	315 mm	30 mm
KLB008	40-50 %	1/10	315 mm	30 mm
KLB009	50-60 %	1/10	315 mm	28 mm
KLB010	60-70 %	1/10	380 mm	25 mm
KLB011	70-80 %	1/10	380 mm	25 mm
KLB012	80-90 %	1/10	380 mm	22 mm
KLB013	90-100 %	1/10	380 mm	23 mm
KLB001	0-30 %	1/10	290 mm	25 mm
KLB002	0-50 %	1/10	260 mm	22 mm
KLB003	50-100 %	1/10	280 mm	16 mm
KLB014	0-100 % vol. 10-44 °Cartier	1/10 1/2	290 mm	15 mm
KLB015*	0-100 % vol. 10-44 °Cartier	1/1 1/2	290 mm	-
KLB016	0-100%	1/1	290 mm	31 mm
KLB017	0-20 %	1/1	305 mm	26 mm
KLB018	20-40 %	1/1	305 mm	26 mm
KLB019	40-60 %	1/1	305 mm	26 mm
KLB020	60-80 %	1/1	305 mm	26 mm
KLB021	80-100 %	1/1	305 mm	26 mm
KLB022	94-104 %	1/1	305 mm	26 mm



▶ KLD - Areometers



1 | Glass body. Presentation in individual case. In density scale (Kg/m³). Calibrated at 20°C.

Code	Range (%V)	Divisions	Lenght	Diameter
KLD001	0-10	1/10	290 mm	16 mm
KLD005	10-20	1/10	310 mm	20 mm
KLD007	20-30	1/10	280 mm	18 mm
KLD008	30-40	1/10	310 mm	18 mm
KLD009	40-50	1/10	290 mm	22 mm
KLD010	50-60	1/10	310 mm	16 mm
KLD011	60-70	1/10	310 mm	15 mm
KLD002	0-30	1/10	310 mm	15 mm
KLD003	0-50	1/10	240 mm	14 mm
KLD004	0-70	1/10	290 mm	12 mm
KLD006	5-15	1/10	310 mm	20 mm
KLD012	0-20	1/10	285 mm	18 mm
KLD013	20-40	1/10	285 mm	18 mm
KLD014	40-60	1/10	290 mm	21 mm
KLD015	30-60	1/10	300 mm	15 mm
KLD016	0-40	1/10	290 mm	15 mm

▶ KLG - Hydrometers



Code	Range (g/mL)	Div.	Lenght(total)xØ
KLG001	0,600-0,700	1	310x16 mm
KLG002	0,700-0,800	1	310x16 mm
KLG003	0,800-0,900	1	310x17 mm
KLG004	0,900-1,000	1	310x17 mm
KLG005	1,000-1,100	1	310x17 mm
KLG006	1,100-1,200	1	310x17 mm
KLG007	1,200-1,300	1	310x18 mm
KLG008	1,300-1,400	1	310x18 mm
KLG009	1,400-1,500	1	310x18 mm
KLG010	1,500-1,600	1	310x19 mm
KLG011	1,600-1,700	1	310x20 mm
KLG012	1,700-1,800	1	310x20 mm
KLG021	1,800-2,000	2	290x20 mm
KLG025	0,600-0,800	2	305x21 mm
KLG026	0,800-0,100	2	285x18 mm
KLG027	1,000-1,200	2	260x18 mm
KLG028	1,200-1,400	2	280x18 mm
KLG029	1,400-1,600	2	290x18 mm
KLG030	1,600-1,800	2	295x21 mm
KLG031	1,800-2,000	2	305x21 mm

▶ KLG - Hydrometers

▶ Density meters for analytical use



Code	Range (g/mL)	Lenght (total)xØ
KLG033	0,650-0,700	270x21 mm
KLG034	0,700-0,750	270x21 mm
KLG035	0,750-0,800	270x21 mm
KLG036	0,800-0,850	270x21 mm
KLG037	0,850-0,900	270x21 mm
KLG038	0,900-0,950	270x21 mm
KLG039	0,950-1,000	270x21 mm
KLG040	1,000-1,050	270x21 mm
KLG041	1,050-1,100	270x21 mm
KLG042	1,100-1,150	270x21 mm
KLG043	1,150-1,200	270x21 mm
KLG044	1,200-1,250	270x21 mm
KLG045	1,250-1,300	270x21 mm
KLG046	1,300-1,350	270x21 mm
KLG047	1,350-1,400	270x21 mm
KLG048	1,400-1,450	270x21 mm
KLG049	1,450-1,500	270x21 mm
KLG050	1,500-1,550	270x21 mm
KLG051	1,550-1,600	270x21 mm
KLG052	1,600-1,650	270x26 mm
KLG053	1,650-1,700	270x26 mm
KLG054	1,700-1,750	270x26 mm
KLG055	1,750-1,800	270x26 mm
KLG056	1,800-1,850	270x26 mm
KLG057	1,850-1,900	270x26 mm
KLG058	1,900-1,950	270x26 mm
KLG059	1,950-2,000	270x26 mm

▶ Quevenne lactometer



1 | Glass body with scale in lacto-densimetric degrees (15° equals 1015g/mL). With divisions of 1.

2 | Calibrated at 20°C and available with a thermometer for deviation correction. Supplied in an individual case.

Code	Range	Lenght (total)xØ	Thermometer
KLG014	15-40	215x19 mm	No
KLG015	15-40	290x3 mm	Yes (0-40°C)

▶ Urine hydrometer



1 | Glass body, presented in individual case.

2 | In density scale (g/mL), calibrated at 20°C.

Code	Range (g/mL)	Div.	Lenght
KLG017	1,000-1,060	1	145 mm



KLG - Hydrometers

Density petroleum hydrometer



1 | Designed for determining the density of petroleum derivatives. According to ISO 3675. Calibrated at 15°C in compliance with ISO 649-1 standard.
2 | Available in M50SP and L50SP series.

Code	Range (°Bx)	Calibration	L (total)xØ
Serie M50SP			
KLG060	0.650-0.700	0,001	270 mm
KLG061	0.700-0.750	0,001	270 mm
KLG062	0.750-0.800	0,001	270 mm
KLG063	0.800-0.850	0,001	270 mm
KLG064	0.850-0.900	0,001	270 mm
KLG065	0.900-0.950	0,001	270 mm
KLG066	0.950-1.000	0,001	270 mm

Serie L50SP

KLG067	0.650-0.700	0,0005	335 mm
KLG068	0.700-0.750	0,0005	335 mm
KLG069	0.750-0.800	0,0005	335 mm
KLG070	0.800-0.850	0,0005	335 mm
KLG071	0.850-0.900	0,0005	335 mm
KLG072	0.900-0.950	0,0005	335 mm
KLG073	0.950-1.000	0,0005	335 mm

Battery hydrometer



1 | Allows checking the electrolyte condition of a battery. Sturdy glass body with bulb and suction tube. Calibrated at 20°C.

Code	Range (g/mL)	N° div.
KLG020	1,100-1,300	5

KLJ - Saccharometers

With and without thermometer



Code	Range (°Bx)	Div.	L (total)xØ
KLJ008	70-80	1	370x26 mm
KLJ009	80-90	1	370x26 mm
KLJ010	30-60	1	370x21 mm
KLJ011	60-90	1	370x21 mm
KLJ003*	0-20	1/5	375x18 mm
KLJ004*	20-30	1/10	375x25 mm
KLJ005*	30-40	1/10	375x25 mm
KLJ006*	40-50	1/10	375x25 mm
KLJ007*	50-60	1/10	375x25 mm
KLJ012	0-10	1/10	305x26 mm
KLJ013	10-20	1/10	305x26 mm
KLJ014	20-30	1/10	305x26 mm
KLJ015	30-40	1/10	305x26 mm
KLJ016	40-50	1/10	305x26 mm
KLJ017	50-60	1/10	305x26 mm
KLJ018	60-70	1/10	305x26 mm
KLJ019	70-80	1/10	305x26 mm
KLJ020	80-90	1/10	305x26 mm
KLJ021	0-30	1/5	280x18 mm
KLJ022	30-60	1/5	280x18 mm
KLJ023	60-90	1/5	280x18 mm

* avec thermomètre

KLL - Mustimeters

Mustimeter



1 | Glass body and presented in an individual case. Calibe at 20 °C.

Code	Range	Divisions	L (total)xØ
KLL001	0-30 °Be	1/2	290x17 mm
KLL004	7-16°Be	1/5	250x23 mm
KLL005	0-20 °Be	1/5	260x20 mm
KLL003	4-22 % alc.	1/5	310x19 mm
	0,980-1,130g/mL	1	

Triple scale wine and beer hydrometer



1 | Glass body and presented in an individual case. Calibe at 20 °C.

Code	Range (°Be)	L (total)xØ
KLL006	0,980-1,110 sp. gr. -2 a 14% vol. 26-288 sug/L	270X18 mm



▶ KLN - Liquid hydrometers



1 | Glass body and presented in an individual case. Calibrated at 20 °C.

Code	For	Range	L (total)xØ
KLN003	Sirop	0-50° Be	250x11 mm
KLN006	Javel	0-45 °Be	255x12 mm
KLN007	Sels	0-35 °Be	210x13 mm
KLN011	Lourdes	0- 70° Be/1,000-2,000 g/mL	290x15 mm
KLN012	Léger	10- 70° Be/0,700-1,000 g/mL	305x15 mm
KLN013	Lourdes	0- 50° Be/1,000-1,500 g/mL	305x18 mm
KLN014	Lourdes	50 70° Be/1,500-2,000 g/mL	305x15 mm

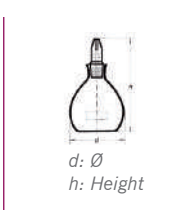
▶ KLQ - Pycnometers

▶ Gay-Lussac



BORO
3.3

DIMENSIONS



1 | Allows you to consider the density or specific weights of liquids or solids. Manufactured in borosilicate glass according to ISO 3507 standards. Calibrated at 20°C.

Code	Volume	Toler.	SJ	ØxH (mm)
KLQ001	10 mL	±1 mL	7/11	27x55
KLQ002	25 mL	±2 mL	10/13	40x75
KLQ003	50 mL	±3 mL	10/13	50x85
KLQ007	100 mL	±5 mL	10/13	57x100

▶ Pycnometer



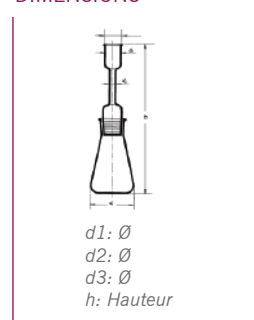
Code	Volume	Tolerance	ØxH (mm)
KLQ008	25 mL	± 2 mL	40x113
KLQ004	50 mL	±3 mL	48x120

▶ KLQ - Pycnomètres

▶ Pycnometer with adapter and funnel



DIMENSIONS



Code	Volume	SJ	d1xd2xd3xh (mm)
KLQ011	1000 mL	45/40	131x10x40x390

▶ Pycnometer Gay Lussac volume Class A



BORO
3.3

1 | Calibrated at 20°C, without certification.

Code	Volume	Tolerance	Lot
KLQ012	10 mL	± 1 mL	2
KLQ013	25 mL	± 2 mL	2
KLQ014	50 mL	± 3 mL	2
KLQ015	100 mL	± 3 mL	2



KNB - Rotational viscosimeters

▶ Digital Viscosimeter Model 810/1



- 1 | Equipped with 4 rods, a rod protector, and a temperature probe.
- * **Rod 0, specific for low viscosities, included in models KNB008, KNB009, and KNB0010.**
- 2 | Bright LCD screen and a large control panel for selecting speed and spindle parameters. RS-232 output available.
- 3 | Solid base and metal stand for a firm grip. Includes a leveling bubble for perfect alignment.
- 4 | Sturdy column with a rack system and metal clamp. These allow the head to be comfortably placed at the desired height, ensuring good stability.
- 5 | The equipment is supplied with a spindle holder and comes in an aluminum case for the viscosimeter and optimal storage and preservation.

Code	KNB005	KNB006	KNB007
Model	810/1	810/2	810/3
Measurement range	10 – 100000	10 – 2 x10 ⁶	10 – 6x10 ⁶
<i>(mPa·s (cP))</i>			
Speed (rpm)	6; 12; 30; 60	0,3; 0,6; 1,5; 3; 6; 12; 30; 60	0,1; 0,3; 0,6; 1,5; 3; 6; 12; 30; 60
Resolution	1 mPa·s		
Repeatability	± 1%		
Rods	1, 2, 3, 4		
Repeatability	0.5 %		
Power Supply	110/220V; 50/60Hz		

* **Rod 0, specific for low viscosities, included in models KNB008, KNB009, and KNB0010.**

Code	KNB008	KNB009	KNB010
Model	810/1	810/2	810/3
Measurement range	1 – 100000	1 – 2 x10 ⁶	1 – 6x10 ⁶
<i>(mPa·s (cP))</i>			
Speed (rpm)	6; 12; 30; 60	0,3; 0,6; 1,5; 3; 6; 12; 30; 60	0,1; 0,3; 0,6; 1,5; 3; 6; 12; 30; 60
Resolution	1 mPa·s		
Repeatability	± 1%		
Rods	0,1, 2, 3, 4		
Repetibilidad	0.5 %		
Power Supply	110/220V; 50/60Hz		

▶ Viscosimeter 801



- 1 | Robust, efficient, and easy-to-use analog rotational viscosimeter. Ideal for determining low dynamic viscosities (motor oil, paints, varnishes, etc.).
- 2 | It has 4 rotation speeds and is equipped with 4 rotors.
- 3 | Large column with a gear/rack system for adjusting the head height.
- 4 | Wide and stable support base with adjustable feet and a leveling bubble in the head. Supplied in a metal case.
- 5 | Rotor no. 0 for measuring <100cP is available on request. It must be ordered along with the viscosimeter and calibrated with the device.

Code	KNB001
Measurement range	10-100000 mPa·s (cP)
Repeatability	± 1%
Rods	nº 1, 2, 3, 4
Velocidad motor	6/12/30/60 rpm
Tolerancia	± 5% (Newtonian fluids)
Alimentación	220V, 50 Hz

Pin No. 0 (not included, available upon request)



KZB - Dissolved oxygen

Portable dissolved oxygen meter DO8500



- 1 | The equipment is supplied in a carrying case with a dissolved oxygen sensor (KZD011) and a conductivity probe (KZD014) with 3 meters of cable, a calibration sleeve for the DO sensor, a combined electrode junction, a USB cable, PC-Link communication software, a sponge for water storage, batteries, and a user manual.
- 2 | Accessories: 10-meter optical sensor for the DO8500 meter (KZD012); 10-meter probe for salinity measurement with DO8500 (KZD015); luminescent cover for the optical sensor (KZD013).



Code	KZB004
Model	DO8500
Dissolved Oxygen	
Range	0-200 %; 0 – 20.0 mg/L
Resolution	0.1/1 %, 0.01/0.1 mg/L (ppm)
Accuracy	±2% reading or ±2% saturation; ±2% reading or ±0.2 mg/L (ppm)
Response time	< 30 s (25°C, 90% response)
Calibration	Zero oxygen and saturated oxygen
Temperature compensation	Automatic from 0 to 50°C
Pressure compensation	Automatic 60 to 120 kPa
Salinity compensation	Automatic or manual 0 to 45 ppt
Temperature	
Range	From 0 to 50 °C
Resolution	0.1 °C
Accuracy	± 0.5 °C

Portable Dissolved Oxygen Meter, SX716



- 1 | It is ideal for a variety of applications related to water solutions, including water treatment, groundwater, surface water, environmental monitoring, aquaculture, aquariums, or beverage production.
- 2 | The equipment is supplied with the DO500 polarized electrode, protected in a sturdy carrying case.
- 3 | Built-in memory function allowing storage and recall of 100 data sets.



Code	KZB005
Model	SX716
Dissolved Oxygen	
Range	0-200% ; 0-19,99 mg/l
Resolution	1/0,1% ; 0,1/0,01 mg/l (ppm)
Accuracy	±0,30 mg/l (ppm)*
Response time	≤30s (25°C, 90% response)
Automatic calibration	Saturated water air; air-saturated water
Temperature compensation	0 to 45 °C (automatic)
Atmospheric pressure compensation	66 to 200 kPa (manual)
Salinity compensation	0 to 45 ppt (automatic)
Classe de protection	IP 57, water-resistant
Power Supply	AA alkaline batteries (1.5 V x2)
Dimensions	65x120x31 mm
Poids	180 g

* includes the electrode error



▶ KZD - Multiparameter

▶ Ec/temperature meter pocket-size



- 1 | Replaceable electrode (ref. KGG009).
- 2 | Made of ABS plastic. Water-resistant. Buttons for: ON/OFF power, °C/°F button. Ambient humidity of the working environment: ≤95%.

Code	KZD027
Measurement range	
CE	0-19990µs/cm, 0-19.9ms/cm
Temperature	-50°C / 70°C
Resolution	
CE	1µs/cm(<1999µs/cm), 10µs/cm(>1999µs/cm), 0,1ms/cm
Temperature	0.1 °C
Accuracy	
CE	± 2% F.S.
Temperature	± 1°C
Display	4-Digital LCD
CAT	0°C / 50°C
Batteries	3 A 1,5 V
Dimensions	188 mm x 35 mm

▶ pH/TDS/EC/ORP/Temperature meter pocket-size



- 1 | Replaceable electrode (ref. KZD029). There is no need to keep the electrode submerged in the solution.
- 2 | Buttons for: ON/OFF power, HOLD/TEMP, MODE/CAL button for calibration.
- 3 | Calibration for acidic or basic pH range. 3-point calibration.

Code	KZD028
Measurement range	
Temperature	0.1 °C / 60 °C
pH	0.00 / 14.00
TDS	0/9990 ppm
Conductimetry	0/19990 us/cm
ORP	0/± 1000 mV
Working environment humidity	≤ 95%
CAT	0 °C / 50 °C
Batteries	3xLR44
Dimensions	187x37x37 mm
Poids	280 g

▶ Serie smart



- 1 | Next-generation smart analyzers, the Smart Series allows for recording measured parameters on mobile devices (Android or iOS) via the ZenTest app using Bluetooth 5.0.
- 2 | Can be used conventionally without connection to a mobile device. Four data display modes: Simple, Dial, Graph, Table.
- 3 | Replaceable electrodes; KZD010 included.

Code	KZD006
Parameter	pH/EC/°C
Conductivity	
Range	0-200.0 µS/cm; 0-2000 µS/cm 0-20.00 mS/cm; 0-50.0°C
Resolution / Accuracy	0.1/1 µS, 0.01 mS / ±1%Fs
Calibration	1 to 3 points
Coefficient temp.	0.00 à 4.00% / °C
pH	
Range	-2.00 - 16.00 pH
Resolution / Accuracy	0.01 pH - ±0.01 pH
Calibration	1 to 3 points
Salinity	0 to 10.00 ppt
Type of probe	Platinum (KZD010)



KZD - Multiparameter

Serie premium



1 | Automatic temperature compensation. Automatic recognition of 5 types of buffer solutions. Automatic temperature compensation. Replaceable electrodes; KZD009 included.



Code	KZD005
Parameter	pH/EC/°C
Conductivity	
Range	0-200.0 μ S/cm; 0-2000 μ S/cm 0-20.00 mS/cm; 0-50.0°C
Resolution / Accuracy	0.1/1 μ S, 0.01 mS / \pm 1%Fs
Calibration	1 to 3 points
Coefficient temp.	0.00 a 4.00% / °C
pH	
Range	-2.00 - 16.00 pH
Resolution / Accuracy	0.01 pH - \pm 0.01 pH
Calibration	1 to 3 points
Salinity	0 to 10.00 ppt
Type of probe	Platinum (KZD009)

Portable multiparameter analyzer PC850



- 1 | Supplied with combined pH and conductivity electrodes with built-in temperature probe and automatic temperature compensation.
- 2 | Large LCD screen for displaying measured values, calibration indicators, stable reading icons, and self-diagnosis.
- 3 | IP57 protection rating, waterproof, silicone protectors for connections, and rubber coating make them suitable for use in harsh environments.
- 4 | Compatible electrodes: KDG021 (pH electrode with temperature probe), KZD026 (conductivity electrode).



Code	KZD007
Model	PC850
Parameter	pH/mV/Temp/Cond/TDS
pH	
Range	0-14
Resolution	0.1/0.01 pH
Accuracy	\pm 0.01 pH \pm 1 digit
Temperature compensation	0-100 °C
Calibration	1 to 3 points (USA/NIST)
mV	
Range	\pm 1000 mV
Resolution	1 mV
Accuracy	\pm 0.2% FS \pm 1 digit
Conductivity	
Range	0 – 19.99 μ S/cm; 20.0 – 199.9 μ S/cm 200-1999 μ S/cm; 2 – 19.99 mS/cm 20 - 200.0 mS/cm
Resolution	0.01/0.1/1 μ S, 0.01/0.1 mS
Accuracy	\pm 1.0% FS \pm 1 digit
Compensation temp.	0 – 50°C
Calibration	1 to 3 points
Temperature	0 – 100°C



▶ KZD - Multiparameter

▶ Serie PC820



Code	KZD008
Parameter	pH/mV/ Cond/TDS/Sal/°C
pH	
Range	-2.000 – 19.999 pH
Resolution	0.1/0.01/0.001 pH
Accuracy	±0.002 pH ± 1 digit
mV	
Range	± 1999 mV
Resolution	1 mV
Conductivity	
Range	0 – 19.99 μ S/cm; 20.0 – 199.9 μ S/cm 200-1999 μ S/cm; 2 – 19.99 mS/cm 20 - 200.0 mS/cm
Resolution	0.01/0.1/1 μ S, 0.01/0.1 mS
Accuracy	± 0.5% FS ± 1 digit
Compensation temp.	0 – 50°C
Calibration	1 to 4 points, automatic
Temperature	-10 – 110°C
Accuracy	±0.1 % FS ± 1 digit

▶ Multiparameter meter with stirrer, PC9500



- 1 | Equipped with a multifunctional test bench, consisting of a flexible electrode holder, solution organizers, and a magnetic stirrer.
- 2 | TFT color screen. Can measure and display pH and conductivity values simultaneously. Help button to check instructions provided with the measuring device. Compliant with GLP (Good Laboratory Practices) standards.
- 3 | Outputs for printer, keyboard, and USB (not included).
- 4 | Automatic data recording with the included 9500 PC-Link software.
- 5 | Data storage allows recording of up to 2000 measurement series.
- 6 | pH calibration can be done from 1 to 5 points and conductivity from 1 to 4 points. It has automatic temperature compensation from 0 to 50 °C (manual or automatic).

Code	KZD036
Electrode	LabSen 211 pH, 2401T-F Cond
pH	
Range	-2,00 to 20,00 pH
Resolution	0,1/0,01/0,001 pH
Accuracy	±0,002 pH ±1 digit
mV	
Range	±2000,0 mV
Resolution	0,1 mV
Accuracy	±0.03% of the F.S. ±1 digit
Conductivity	
Range	0,00 μ S/cm to 2000 mS/cm
Resolution	0,01/0,1/1 μ S/cm ; 0,01/0,1/1 mS/cm
Accuracy	±0,5% de l'E.M. ±1 digit
TDS (Range)	0,00 mg/L to 1000 g/L
Salinity (Range)	0,00 to 100 ppt
Resistivity (Range)	0,00 Ω -cm to 100M Ω -cm
Temperature	
Range	From -10,0 to 110,0°C ; from 14,0 to 230°F
Resolution	0,1°C ; 0,1/1°F
Accuracy	±0,5°C±1 digit
Power Supply	DC9V/600mA
Dimensions / Poids	360x235x100 mm / 1,7 kg



KZD - Multiparameter

Portable multiparameter computers



- 1| Includes a hard carrying case.
- 2| LCD screen with bright and clear backlighting.
- 3| 1-point conductivity calibration.
- 4| Incorporates advanced technologies to optimize both response speed and instrument accuracy.
- 5| Data memory allowing storage of up to 400 measurement series (300 for model SX725).



Code	KZD032	KZD033	KZD035	KZD034
Parameters	pH/mV/ORP/DO CondTDS/Sal/Res	pH/mV/DO/Cond/TDS/ Sal/Sal/Res	pH/mV/Cond/ TDSTDS/Sal/Res	pH/mV/DO
Electrode	201T-S pH/ATC 301Pt-S ORP 2301T-S Cond DO503 DO	201T-S pH/ATC 2301T-S Cond DO503 DO	201T-S pH/ATC 2301T-S Cond	201T-S pH/ATC DO503 DO
pH				
Range	-2,00 to 19,99 pH			
Resolution	0,1/0,01 pH			
Accuracy	±0,01pH			
mV				
Range	-1999 mV to 1999 mV			
Resolution	1 mV			
Accuracy	±0,1% FS			
Conductivity				
Range	0,00 to 19,99 μS/cm ; 20,0 to 199,9 μS/cm 200 to 1999 mS/cm ; 2,00 to 19,99 mS/cm 20,0 to 199,9 mS/cm			-
Resolution	0,01/0,1/1 μS/cm ; 0,01/0,1 mS/cm			-
Accuracy	±1,0 % FS			-
TDS	0 to 100 g/l			-
Salinity	0 to 100 ppt			-
Resistivity	0 to 100 MΩ-cm			-
Dissolved Oxygen (DO)				
Range	0-200% ; 0-19,99 mg/l	-	-	0-200% ; 0-19,99 mg/l
Resolution	1/0,1% ; 0,1/0,01 mg/l (ppm)	-	-	1/0,1% ; 0,1/0,01 mg/l (ppm)
Accuracy	±0.30 mg/L (ppm), including electrode error	-	-	±0.30 mg/L (ppm), including electrode error
Power Supply	AA alkaline batteries (1.5 V x2)			
Dimensions	65x120x31 mm			
Poids	180 g			



▶ KZF - Turbidity

▶ Portable turbidimeter



- 1| They are designed for use both in the laboratory and outdoors (IP67 protection class), such as in drinking water analysis, non-alcoholic beverage analysis, environmental monitoring, etc.
- 2| They feature a large TFT color screen, with support for graphical operation guides and text, as well as a bar indicating the progress of measurements.
- 3| Turbidity measurement is performed using the nephelometric method, measuring light scattered at 90°, which provides greater accuracy at low measurement values. The TN meters comply with ISO 7027/ DIN EN 27027 standards, using an infrared light source with a wavelength of 860 nm (models TN400 and TN500i); or the American standard EPA180.1 with a tungsten lamp emitting white light (model TN500).
- 4| We can also transfer this data to a computer thanks to its storage capacity of 200 data sets and USB output.

Code	KZF001	KZF004	KZF005
Model	TN400	TN500	TN500i
Measurement method	Light scattering at 90°		
Standard	ISO 7027	U.S. EPA 180.1	ISO 7027
Light source	860 nm LED	Tungsten lamp	860 nm LED
Detector	Silicon photodiode		
Measurement ranges	0 – 1000 NTU		
Accuracy	± 2% reading + stray light		
Repeatability	≤ ± 1 % / 0.02 NTU		
Calibration points	0 NTU, 20 NTU, 100 NTU, 400 NTU, 800 NTU		
Reading mode	Normal	Normal / TruRead	Normal / TruRead
Parameter settings	No	TruRead: 5/10/15/20 readings	
Languages	English	English / Spanish	English / Spanish
Data output	No	Port USB	Port USB
Bottle volume	18 mL		
Batteries	AA x 4	Rechargeable lithium 3,7V - AAx4	

▶ NEW PRODUCTS



▶ Model PH60Z-WW



Code	KDB016
Parameters	pH / ORP / °C
pH	-2.00-16.00
ORP	-1000 mV-0-1000 mV
Temperature	0 to 100°C (23 to 212°F)
Protection	IP67
Control	Bluetooth



NEW PRODUCTS



1| Nahita-Blue scales with integrated GLP function combine high weighing accuracy with full data traceability, ensuring reliable results and compliance with laboratory quality standards. Their built-in data recording and calibration system streamlines data management and process validation, improving operational efficiency and regulatory compliance.

2| Color LCD touchscreen display providing clear visualization of net and gross weight, along with date, time, and user information.

3| The balances are equipped with an integrated internal temperature sensor to monitor environmental conditions during operation, ensuring greater control and measurement reliability.

4| Advanced user management via administrator and user profiles, allowing control over calibrations, date and time settings, instrument configuration, access permissions, and log monitoring.

5| Advanced weighing functions including piece counting, dynamic weighing, density determination, percentage weighing, accumulation, and multi-unit conversion

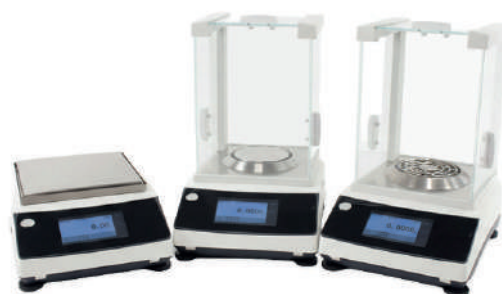
6| **Optional accessories:**

- KBG008 printer
- KBG009 density determination kit

► Serie 5210 - readability 0.01 g



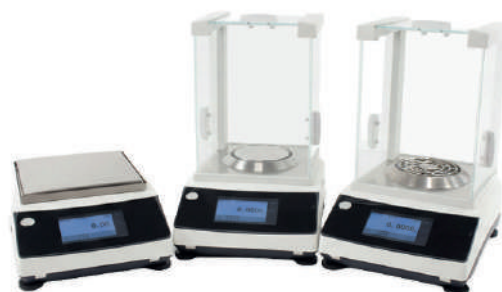
Code	KBC020	KBC021	KBC022
Max capacity (g)	1000	2000	5000
Min weight (g)	0.2	0.5	0.5
Readability (g)	0.01		
Repeatability (g)	± 0.02		
Pan size (mm)	180x180		
Weighing units	g, oz, mg, ct		
Ext calibration weight	External calibration weight not included		
Outputs	USB/RS232		
Dimensions(mm) / Weight (kg)	335(L)x215(W)x110(H)/ 4.60		
Power supply	100-240VAC 50/60Hz		



► Serie 5220 - readability 0.001 g



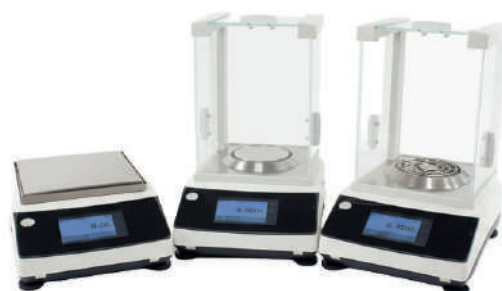
EXT CALIBRATION Code	KBD029	KBD031	KBD033	KBD035
INT CALIBRATION Code	KBD030	KBD032	KBD034	KBD036
Max capacity (g)	220	320	620	1000
Min weight (g)	0.02			
Readability (g)	0.001			
Repeatability (g)	± 0.001			
Pan size (mm)	Ø 90	Ø 90	Ø 90	Ø 110
Weighing units	g, oz, mg, ct			
Ext calibration weight	200/Class F1			
Outputs	USB/RS232			
Dimensions(mm) / Weight (kg)	335(L)x215(W)x345(H)/ 6.75			
Power supply	100-240VAC 50/60Hz			



► Serie 5230 - readability 0.0001 g



EXT CALIBRATION Code	KBF022	KBF024	KBF026
INT CALIBRATION Code	KBF023	KBF025	KBF027
Max capacity (g)	120	220	320
Min weight (g)	0.01		
Readability (g)	0.0001		
Repeatability (g)	± 0.0001	± 0.0001	± 0.0002
Pan size (mm)	Ø 90		
Weighing units	g, oz, mg, ct		
Ext calibration weight	100/Class F1	100/Class F1	200/Class F1
Outputs	USB/RS232		
Dimensions(mm) / Weight (kg)	335(L)x215(W)x345(H)/ 6.75		
Power supply	100-240VAC 50/60Hz		



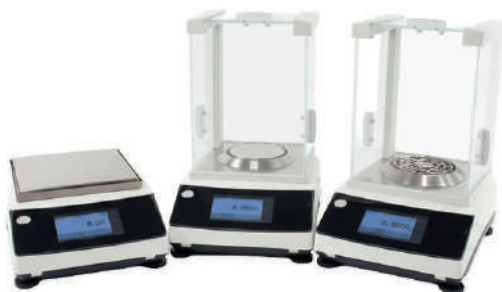


▶ NEW PRODUCTS



- 1| Nahita-Blue scales with integrated GLP function combine high weighing accuracy with full data traceability, ensuring reliable results and compliance with laboratory quality standards. Their built-in data recording and calibration system streamlines data management and process validation, improving operational efficiency and regulatory compliance.
- 2| Color LCD touchscreen display providing clear visualization of net and gross weight, along with date, time, and user information.
- 3| The balances are equipped with an integrated internal temperature sensor to monitor environmental conditions during operation, ensuring greater control and measurement reliability.
- 4| Advanced user management via administrator and user profiles, allowing control over calibrations, date and time settings, instrument configuration, access permissions, and log monitoring.
- 5| Advanced weighing functions including piece counting, dynamic weighing, density determination, percentage weighing, accumulation, and multi-unit conversion
- 6| **Optional accessories:**
 - KBG008 printer
 - KBG009 density determination kit

▶ Serie 5240 - readability 0.0001 g / 0.00001 g 



EXT CALIBRATION Code	KBK003	KBK005	KBK007
INT CALIBRATION Code	KBK004	KBK006	KBK008
Max capacity (g)	31/120	51/220	81/220
Min weight (g)	0.001/0.01		
Readability (g)	0.0001/0.00001 g		
Repeatability (g)	± 0.03/± 0.01		
Pan size (mm)	Ø 90		
Weighing units	g, oz, mg, ct		
Ext calibration weight	100/Class E2		
Outputs	USB/RS232		
Dimensions(mm) / Weight (kg)	335(L)x215(W)x345(H)/ 6.75		
Power supply	100-240VAC 50/60Hz		