Z - others

R - protection and safety

Q - didactic material

P - filtration and separation

M - liquid handling

L - stirring

J - heating/Cooling

H - optical equipments

G - centrifuges

F - laboratory assemblies and tools

D - volumetry

C - beakers, flasks and other containers

B - general use

[K] INDEX OF CONTENTS MEASURING INSTRUMENTS

TRADEMARKS:

[K] - MEASURING INSTRUMENTS

MEASURING INSTRUMENTS BALANCES

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

CAL EXT ADJUSTING PROGRAM CAL.:
An external calibration weight is needed

RS 232 DATA INTERFACE RS-232:
To connect the equipment with a printer, computer or net

USB USB:
To connect the equipment with a printer, computer u other peripheral

PCS PIECE COUNTING:
Selectable number of references. To switch the display from piece to weight

PERCENT % PERCENTAGE DETERMINATION:
Deviation determination in % from theoretical value (100%)
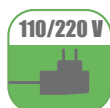
UNIT WEIGHTING UNITS:
By pushing unit button

UNDER UNDER WEIGHTING:
By a hook in the underside of the balance

ACCU POWER SUPPLY BY ACCUMULATOR

BATT POWER SUPPLY BY BATTERIES:
For operation with batteries, the type of battery is indicated in each device

110/220 V CURRENT ADAPTER:
110/220V of standard series in the EU

230 V SUPPLY CABLE:
Integrated in the balance 230V/50Hz standard in the EU

DMS STRAIN GAUGES

FORCE ELECTROMAGNETIC FORCE COMPENSATION:
coil inside a permanent magnet, for more precise weighting

KBB - Electronical, precision 1-0.1g

Series 5161

nahita blue

1| High precision load sensor
2| Easy reading wide LCD screen with back light
3| Plastic shell and stainless steel pan
4| Weighting units and piece counting functions
5| Automatic calibration with external weight (see table), weight only included in model KBB004
6| With integrated rechargeable battery

CAL EXT · DMS · UNIT · PCS · 110/220 V · ACCU

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

▶ KBB - Electronical, precision 1-0.1g

▶ Series 5041

Nahita

1| Very economic, ideal for domestic and educational use
2| ABS plastic shell and easy reading digital screen
3| Airtight water splash-proof keyboard
4| Automatic calibration with external weight (not included)

Code	KBB001	KBB002	KBB003*
Capacity (g)	500	2000	5000
Readability (g)	0.1	1.0	2.0
Pan size (mm)	Ø 148		
Weighting units	g, oz		
Dimensions (mm)	170x250x45		
Power supply	Adapter AC220V / 4 battery 1.5V (AA)		

*Battery and adapter not included (adapter not available)

▶ Series 5171

nahita blue

1| High precision load sensor and overload protection
2| Easy reading wide LCD screen with back light
3| Plastic shell and stainless steel pan
4| Functions of weighting units, piece counting and hook for underside weighting
5| Automatic calibration with external weight, weight included only in code KBB008

CAL EXT   DMS   UNIT   PCS   110/220 V   BATT   UNDER

Code	KBB008	KBB009	KBB010	KBB011
Max. capacity (g)	1000	2000	3000	5000
Readability (g)	0.1	0.1	0.1	0.1
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 supply	AC110-220V / 4 battery 1.5V (AA) (not included)			

▶ KBC - Electronical, precision 0.01 g

▶ Serie 5162

nahita blue

1| High precision load sensor. Wide LCD screen with back light
2| Plastic shell and stainless steel pan
3| Weighting units and piece counting functions
4| Automatic calibration with external weight except code KBC004
5| With integrated rechargeable battery

CAL EXT   DMS   UNIT   PCS   110/220 V   ACCU

Code	KBC001	KBC002	KBC003	KBC004
Max. capacity (g)	300	500	1000	2000
Readability (g)	0.01	0.01	0.01	0.01
Pan size (mm)	133x182			
Weighting units	g, kg, ct, T, TAR, dr, PKT, GN, TMR, gsm, tlJ, mo, dwt, oz, lb, tlT, ozt, tlH, %			
Calibration weight (kg)	0.2 (included)	0.5 (included)	0.5 (included)	1 (not included)
Dimensions (mm)	280x180x80			
Power supply	110-220VAC, 50/60Hz			

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▶ KBC - Electronical, precision 0.01 g

▶ Series 5172

nahita blue

1| High precision load sensor and overload protection
2| Easy reading wide LCD screen with back light
3| Plastic shell and stainless steel pan
4| Functions of weighting units, piece counting and hook for underside weighting
5| Automatic calibration with external weight, weight included except in codes KBC008 and KBC009

CAL EXT	DMS	UNIT	PCS	110/220 V	BATT	UNDER

Code	KBC005	KBC006	KBC007	KBC008	KBC009
Max. capacity (g)	300	500	1000	3000	5000
Readability (g)	0.01	0.01	0.01	0.01	0.01
Pan size (mm)	Ø135	Ø135	Ø135	155x143	155x143
Weighting units			g, oz, ct, lb		
Calibration weight (kg)	0.2 (Incl.)	0.5 (Incl.)	0.5 (Incl.)	2 (not incl.)	3 (not incl.)
Dimensions (mm)			265x200x80		
Power supply		110-220VAC / 4 battery 1.5V (AA) (not included)			

▶ KBD - Electronic, precision 0.001 g

nahita blue

▶ Series 5133

1| Electromagnetic force compensation technology
2| Adjustment of the sensitivity level and weighting speed
3| Overload protection
4| Easy reading wide LCD screen with back light
5| Aluminum shell and stainless steel pan
6| Functions of weighting units, piece counting, percentage and hook for underside weighting
7| Automatic calibration with external weight (included). RS232 and USB ports

CAL EXT	FORCE	USB	RS 232	UNIT	PCS

110/220 V	PERCENT	UNDER

Code	KBD001	KBD002	KBD003
Precision class	Clase II	Clase II	Clase I
Max. capacity (g)	100	300	500
Min. capacity (g)	20	20	20
Readability (g)	0.001	0.001	0.001
Scale verification value (g)		0.01	
Repeatability (g)		±0.001	
±0.5e		0≤m≤5000	
±1.0e		5000≤m≤20000	
±1.5e		20000 <m	
Stabilization time (s)		≤5	
Pan size (mm)		Ø 90	
Weighting units		g, mg, ct, oz	
Calibration weight (kg)	0,1	0,2	0,2
Total dimensions (mm)		340x215x350	
Power supply		110-220VAC, 50/60Hz	

▶ KBD - Electronic, precision 0.001 g

nahita blue

▶ Series 5173

1| High precision load sensor and overload protection
2| Plastic shell and stainless steel pan
3| Easy reading wide LCD screen with back light
4| Functions of weighting units, piece counting and hook for underside weighting
5| Automatic calibration with external weight (included)
6| RS232 and USB ports

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 supply	220-240VAC/50Hz	

CAL EXT | DMS | USB | RS 232
UNIT | PCS | 110/220 V | UNDER

▶ KBF - Analytical, precision 0.0001 g

nahita blue

▶ Series 5134

1| Electromagnetic force compensation technology
2| Adjustment of the sensitivity level and weighting speed
3| Overload protection
4| Easy reading wide LCD screen with back light
5| Aluminum shell and stainless steel pan
6| Functions of weighting units, piece counting, percentage and hook for underside weighting
7| Automatic calibration with external weight (included) or internal depending on model
8| RS232 and USB ports

Series 5134 EX; External calibration	KBF001	KBF003
Serie 5134 INT; Internal calibration	KBF002	KBF004
Precision class	Clase I	Clase I
Max. capacity (g)	120	220
Min. capacity (g)	10	10
Readability (g)	0.0001	0.0001
Scale verification value (g)	0.001	
Repeatability (g)	±0.0002	
±0.5e	0≤m≤50000	
±1.0e	50000 <m≤200000	
±1.5e	20000 <m	
Stabilization time (s)	≤8	
Pan size (mm)	Ø 80	
Weighting units	g, mg, ct, oz	
Total dimensions (mm)	340x215x350	
Power supply	110-220VAC, 50/60Hz	

CAL INT | CAL EXT | FORCE | USB | RS 232
PCS | UNIT | 110/220 V | PERCENT | UNDER

Calibration certificate ENAC

Code	KBF005
Description	Certificate ENAC analytical balances

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KBH - Pocket balances

Series 5043

nahita blue

1| Compact and resistant design with protective lid
2| Touch screen with back light for easy reading
3| Stainless steel weighting pan
4| Functions of weighting units, piece counting and tare with direct access button
5| Calibration in one point (calibration weight not included)

Code	KBH001	KBH002	KBH003
Capacity (g)	100	200	500
Readability (g)	0.01	0.01	0.1
Pan size (mm)		60x60	
Weighting units		g, ct, dwt, oz, ozt	
Calibration weight	0,1 kg	0.2 kg	-
Dimensions (mm)		70x115x20	
Power supply		2 batteries 1.5 V (AAA)	

KBN - Weighting accessories

Watch glass ground edge

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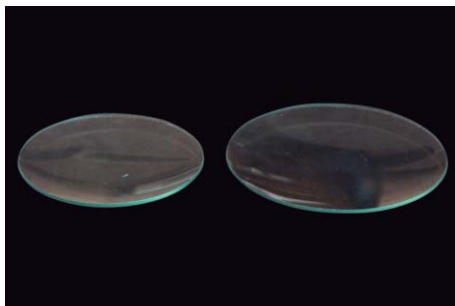
Code	Diameter (mm)	Batch
KBN001	45	10
KBN002	50	10
KBN003	60	10
KBN004	70	10
KBN005	80	10
KBN006	90	10
KBN007	100	10
KBN008	120	10
KBN009	150	10
KBN010	180	10

Watch glass burnt edge

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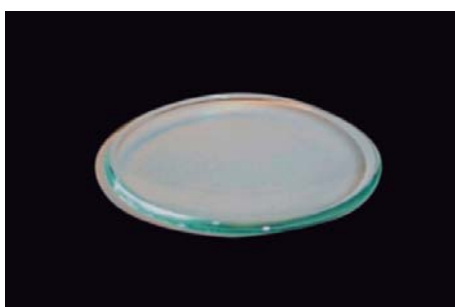
Code	Diameter (mm)	Batch
KBN011	40	10
KBN012	50	10
KBN013	60	10
KBN014	70	10
KBN015	80	10
KBN016	100	10
KBN017	120	10
KBN018	140	10
KBN019	160	10

Weighing boat

JIPO

1| In porcelain. Without handle

Code	Description	Dim. (mm)	Batch
KBN020	Witouht handle	37/17 mm	10
KBN021	Witouht handle	53/23 mm	10
KBN022	Witouht handle	64/29 mm	10

KBN - Weighing accessories

Weighing paper

Code	Dimensions (mm)	Pack
KBN048	100X100 mm	P/100

KBP - Dynamometers

Nahita

Plastic

1| Calculation of mechanic type forces. Double scale in grams and newtons
2| Keeps precision with time

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

KBQ - Mechanical

Nahita

Roverbal series 5001

1| Made of furnace painted steel with treated steel blades and agate bearings
2| Frontal scale for 5g to 50g additions (depending on model)
3| Weights 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
Dimensions (cm)	35x14x20	40x18x30

* without frontal scale

Mod. KBQ003

Mod. KBQ004

Equal-arm balance series 5004

1| Weighting system in steel with blades of treated steel and blocking system
2| Detachable for storage (wooden box included)
3| Complete set of weights included

Code	KBQ005
Capacity (g)	100
Sensitivity (g)	0.02
Pan size (mm)	Ø 80
Dimensions (mm)	300x160x80

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KBQ - Mechanical

4 beams

1| Cast light metal, with agate bearings and blades of tempered steel
2| It has 4 beams with sliding weights of 100g, 10g, 1g and 0.1g
3| With platform to make hydrostatic weightings

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

3 beams

1| Cast light metal, with agate bearings and tempered steel blades
2| It has 3 beams with sliding weights
3| It incorporates a support for additional weights supplied with the equipment:
- 2 weights of 295g that increase the capacity in 1000g
- 1 weight of 147.5g that increase the capacity in 500g

Code	KBQ007
Capacity (g)	610 ‖ 2610, with additional weights
Sensitivity (g)	0.1
1ª beam	10g divided every 0.1g
2ª beam	500g divided every 100g
3ª beam	100g divided every 10g
Pan size (mm)	Ø10
Dimensions (mm)	420x180x360

KBR - Mechanical, sets of weights

1| Made of A3 steel class M2
2| Usually used with mechanical balances
3| Supplied in a case

Code	KBR001
Description	Set of weights of 200g
Composed of	1 weight of100g
	1 weight of50g
	2 weights of20g
	1 weight of10g
	1 weight of5g
	1 forceps

Code	KBR002
Description	Set of weights of 500g
Composed of	1 weight of200g
	2 weights of100g
	1 weight of50g
	2 weights of20g
	1 weight of10g
	1 forceps

▶ KBR - Mechanical, sets of weights

Nahita

Code	KBR003
Description	Set of weights of 1000g
Composed of	1 weight of500g
	1 weight of200g
	2 weights of100g
	1 weight of50g
	2 weights of20g
	1 weight of10g

Code	KBR004
Description	Set of weights of 2000g
Composed of	1 weight of1kg
	1 weight of500g
	1 weights of200g
	2 weights of100g
	1 weight of50g
	2 weights of20g
	1 weight of10g

▶ KBS - Weights E2

Nahita

1| Control and high precision calibration weights for high resolution balances class I with a maximum resolution higher than 100000 d
2| Made of antimagnetic stainless steel
3| Supplied in individual storage boxes

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 of 12 fractions from 500 mg to 1 mg**	-----

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

Calibration certificate ENAC

Code	KBS016
Description	Certificate of masses ENAC E2, for weights E2 of 1 mg to 500g

▶ KBT- Weights F1

Nahita

1| High precision weights for the control calibration and adjustment of analytical balances class I, with a maximum resolution higher than 100000 d
2| Made of stainless steel
3| Supplied in individual storage boxes

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 of 12 fractions from 500 mg to 1 mg**	-----

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

Calibration certificate ENAC

Code	KBT016
Description	Certificate of masses ENAC F1 from 1 mg to 10 kg

▶ KBV- Weights F2

Nahita

1| High precision weights suitable for high precision balances class II, with a maximum resolution up to 50000 d aprox.
2| Made of stainless steel
3| Supplied in individual storage boxes

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 of 12 fractions from 500 mg to 1 mg**	-----

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

Calibration certificate ENAC

Code	KBV016
Description	Certificate of masses ENAC F2, from 1 mg to 10 kg

KBW- Weights M1

1| Precision weights for commercial and industrial balances class III, with a maximum resolution up to 1000 d
2| Made of A3 steel
3| Supplied in individual storage boxes

Code	Weight (nominal value)	Tolerance (mg)
KBW001	Juego 12 fracciones de 500mg a 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.

Calibration certificate ENAC

Code	KBW019
Description	Certificate of masses ENAC M1, from 1 mg to 10 kg

Weights M1, block

1| According to standard OIML-R111
2| Made of painted cast iron
3| Density 7.02 g/cm^3.

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

KDB - Pocket testers

pH-tester

1| Ideal for practical lessons in the lab and field
2| Integrated fixed electrode
3| With two point calibration

Code	KDB001	KDB002
Range	0-14 pH	0-14 pH
Resolution	0.1 pH	0.1 pH
Precision	± 0.1 pH	± 0.1 pH
ATC	No	5-50 ºC
Platform dimensions (mm)	150x29x15	
Power supply	4 batteries x 1.5V	

KDD - Laboratory pH-testers

▶ Portable pH-tester model 902/4

Nahita

1| Liquid crystal display and damp-poof membrane keypad
2| Supplied with a glass combined electrode with BNC connector
3| Automatic temperature compensation by manual data input

Code	KDD001
pH range	0.0 a 14.0 pH
mV range	0 - ±1400 mV
pH-mV resolution	0.01 pH - 1 mV
pH-mV precision	± 0.03 pH - ± 0.2%
ATC range	0-60 ºC (Manual)
Calibration	1 or 2 points
Power supply	2 batteries 5V

▶ Digital pH-testers models 903 and 907

Nahita

1| Large easy-to-read back lit LCD display
2| Measuring parameters of pH at compensated temperature and electrical potential (mV)
3| 1 or 2 point calibration with automatic detection of standard solution
4| Automatic temperature compensation through the keypad (903) or probe (907)
5| Suitable to use with ion selective electrodes
6| Built-in electrode support
7| RS232 port and data transmission software (907)

REF.. KDD002

Mod. KDD006

Code	KDD002	KDD006
Model	903	907
Measuring range		
pH	0-14.0 pH	-2.00-18.00 pH
mV	±1999 mV	±1999 mV
T	---	0/100 ºC (probe included)
Resolution	0.01 pH - 1 mV	0.01 pH - 1 mV - 0.1 ºC
Precision		
pH	±0.02 pH ± 1bit	±0.02 pH ± 1 bit
mV	±1 mV ± 1bit	±1 mV ± 1bit
T	---	±0.5ºC ± 1 bit (0.0-60.0ºC) ±1.0ºC ± 1 bit (60.0-100.0ºC)
ATC range	0-60 ºC (±0.01 pH)	0-100 ºC (±0.01 pH)
Stability	± 0.01 pH ±1 bit/3 h	± 0.01 pH ±1 bit/3 h
Dimensiones	290x210x95 mm	290x200x70 mm
Power supply	CA (220±22)V / (50±1) Hz	220VAC/9V

▶ Soil pH and moisture meters

Nahita

1| Portable and resistant for use in agriculture and gardening
2| Built-in sensor in the conical end
3| Do not need power supply

Mod. KDD004

Code	KDD004
pH range	3-8 pH
Moisture range (%)	1-8 (10-80%)
pH resolution - %	0.2 pH - 10%
Probe	Fixed (30cm)
Dimensions (mm)	410x50

KDD - Laboratory pH-testers

pH-ppm-temperature monitor

1| Monitor for the continuous measuring of pH, TDS and temperature (T)
2| It includes combined electrode of pH and conductivity cell with integrated temperature probe
3| With automatic temperature compensation (ATC) in the 5-50ºC range

Code	KDD005			
Parameter	Range	Resolution	Precision	Calibration
pH	0.00-14.00 pH	0.01 pH	± 0.10 pH	2 points (7.00/4.01 pH)
TDS	0-9990 ppm	10 ppm	± 2% ppm	1 point (1382 ppm)
T	5-35 ºC	1 ºC	± 1ºC	1 point (25ºC/77 ºF)
Dimensions	85x165x30 mm			
Power supply	Adapter CA, 9V (included)			

KDG - Electrodes and accesories

Electrode stand

1| Arm articulated in 3 points and rotatable 360º
2| Painted steel base of great stability
3| Holder with 1 central hole and 5 lateral slots

Code	KDG001
Nº x holes Ø	1 x 6mm - 5 x 14mm

pH buffers

1| Powder preparation to obtain pH buffer solutions (acid, basic, neutral)
2| A correlation Temperature/pH table is included

Code	KDG002
pH buffer	Acid, basic and neutral
Precision	± 0.01 pH

pH electrodes

1| Measuring pH range 0 to 14
2| Available with glass or plastic body
3| Options of refillable (liquid electrolyte) or non-refillable (gel electrolyte)
4| Fixed cable with BNC connector

Plastic body	
Code	KDG003
Working T (ºC)	5-60
Diaphragm	Fiber
Ø x L (mm)	12x165
Membrane	Spherical
Electrolyte	Gel, non-refillable

Glass body	
Code	KDG005
Working T (ºC)	5-60
Diaphragm	Ceramic
Ø x L (mm)	12x148
Membrane	Spherical
Electrolyte	Refillable liquid

KDG - Electrodes and accesories

Nahita

Power supply

1| For pH-meter 907 and conductivity meter 910/9
2| It includes plug suitable for Europe, Great Britain and USA

Code	KDG011
Description	Power supply 100-240VAC/9V

KDJ - pH paper

Nahita

Universal

1| With approximate pH value indicator colour scale

Code	pH range	Scale	Format
KDJ002	1-10	1	Box 200 strips
KDJ003	0-10	1	Roll 5 meters
KDJ004	1-12	1	Box 200 strips
KDJ005	1-14	1	Box 200 strips
KDJ007	1-14	1	Box 80 strips
KDJ006	1-14	1	Roll 5 meters
KDJ001	1-4	1	Box 200 strips
KDJ009	9-14	1	Box 200 strips

Indicator

1| The colour change of the paper indicates the pH range of the solution
2| Available in box of 200 strips

Code	Description	Colour change
KDJ016	Red litmus	basic pH (blue)
KDJ019	Blue litmus	acid pH (red)
KDJ020	Neutral litmus (violet)	acid pH (red)-basic pH (blue)

KGB - Pocket testers

Nahita

TDS-meter

1| Splash-proof shell
2| They present automatic temperature compensation (ATC)

Code	KGB003	KGB004	KGB005	KGB007
Range	0-1999 µS/cm	0-19.99 mS/cm	0-1999 ppm (mg/L)	0-10.0 EC
Resolution	1 µS/cm	0.01 mS/cm	1 ppm (mg/L)	0.1 EC
Precision	± 2% (full scale)			
ATC range	0-50 ºC			
Calibration	In 1 point by manual adjustment			
Dimensions	150x32x16 mm			
Power supply	4 batteries x 1.5V			

▶ KGB - Pocket testers

Nahita

▶ Mini TDS-meter

1| Compact and reliable instruments recommended for education
2| They provide readings of conductivity and dissolved solids (TDS)
3| They present automatic temperature compensation (ATC)

Code	KGB008	KGB010
Range	0-100 cF	0-1999 ppm (mg/L)
Resolution	1 cF	1 ppm (mg/L)
Precision	± 2% (full scale)	
ATC range	0-50 ºC	
Calibration	In 1 point by manual adjustment	
Dimensions	150x32x16 mm	
Power supply	4 battery x 1.5V	

▶ KGD - Laboratory conductivity meters

Nahita

▶ Portable conductivity meter model 910/3

1| Conductivity parameter determination
2| Back-lit LCD display and splash- and moisture-proof membrane keypad
3| Automatic temperature compensation (ATC) through keypad data input
4| Cell constant adjustable for values 0.01, 1 and 10 cm^{-1}
5| Supplied with platinum conductivity cell (K=1 cm^{-1})

Code	KGD001
Conductivity	
Range	0.00-19.99 µS/cm; 20.0-199.9 µS/cm; 200-1999 µS/cm; 2000-19000 µS/cm; 20.0-100.0 mS/cm
Resolution	0.01 µS/cm; 0.1 µS/cm; 1 µS/cm; 1 µS/cm; 0.1 mS/cm
Precision (± 1 digit)	± 1.5%
ATC range	15-35 ºC (data inputting through keypad)
T coefficient	2 % / ºC (fixed)
Reference T	25 ºC
Dimensions	170x80x35 mm
Power supply	2 batteries 1.5V, type AA

KGD - Laboratory conductivity meters

Hahita

▶ Portable conductivity meter model 910/5

1| Conductivity, total dissolved solids (TDS) and salinity parameters determination
2| Back-lit LCD display and splash- and moisture-proof membrane keypad
3| Automatic temperature compensation (CAT) through built-in T probe
4| Cell constant adjustable for values 0.01, 0.1, 1, 5 and 10 cm^{-1}
5| Supplied with platinum conductivity cell (K=1 cm^{-1})
6| RS232 port for PC or printer connection
7| Supplied with storage and transport case

Code	KGD002
Conductivity	
Range	0.00-19.99 µS/cm; 20.0-199.9 µS/cm; 200-1999 µS/cm; 2.00-19.99 µS/cm; 20.0-199.9 mS/cm
Resolution	0.01 µS/cm; 0.1 µS/cm; 1 µS/cm, 0.01 µS/cm; 0.1 mS/cm
Precision (± 1 dígito)	± 1.5 %
Total dissolved solids (TDS)	
Range	0.00-10.00 mg/L; 10.0-100.0 mg/L; 100-1000 mg/L; 1.00-10.00 g/L, 10.00-19.99 g/L
Resolution	0.01 mg/L; 0.1 mg/L; 1 mg/L; 0.01 g/L; 0.01 g/L
Precision (± 1 digit)	± 1.5 %
Salinity	
Range	0.00-8.00 %
Resolution	0.01 %
Precision (± 1 dígito)	± 0.3 %
T range	0.0-40.0 ºC
T coefficient	0-4 %/ºC (default 2 %/ºC)
Reference T	25 ºC (conductivity and TDS) and 18 ºC (salinity)
Factor conversión TDS	0.40-1.00 (default 0.50)
Dimensions	210x100x45 mm
Power supply	4 batteries 1.5V (AA)

▶ Laboratory conductivity meter 910/9

1| Determination of conductivity, resistivity, TDS, salinity and temperature
2| Large back-lit LCD display and membrane keypad
3| Automatic temperature compensation (ATC) through keypad or built-in T probe
4| Cell constant adjustable for values 0.01, 0.1, 1, 5 and 10 cm^{-1}
5| Supplied with platinum conductivity cell (K=1 cm^{-1})
6| Use under GLP rules
7| USB output for computer connection through communication software

Code	KGD003
Measuring range	
Conductivity	0.000 µS/cm – 199.9mS/cm (automatic change of range and frequency)
Resistivity	5.00 Ω•cm – 20.00 MΩ•cm
TDS	0.000 mg/L – 99.9 g/L
Salinity	(0.00-8.00) %
Temperature	(-5.0 – 110.0) ºC
Electrical unit precision	
Conductivity	±0.5% FS
Resistivity	±0.5% FS
TDS	±0.5% FS
Salinity	± 0.1%
Temperature	±0.2ºC
T compensation	Auto/Manual: -5.0 – 50.0 ºC
Stability	±0.3%FS/3h
T coefficient	Adjustable
GLP rules	Yes
Output	USB port
Working conditions	0-40 ºC, ≤ 85% HR
Power supply	Adapter 100-240 V / 9 V DC
Dimensiones	280x215x92 mm

▶ KGG - Conductivity cells

Nahita

1| Body glass resistant to corrosion and organic solvents
2| With 2 platinum electrodes
3| BNC connector with 60cm length fixed cable

| KGG003	Cell conductivity K=1	
	Constant	Measuring range
	1 ± 0.2 cm^{-1}	$1 \mu S - 100$ mS/cm

▶ KJB - Stem thermometers

Nahita

▶ Yellow back

1| Brown graduation resistant to physic-chemical agents
2| Filled with coloured non contaminant and-non harmful organic liquid
3| Glass ring to hang the thermometer, except code KJB017
4| Supplied in an individual plastic protection case

Code	Range	Divisions	Length	Batch
KJB003	-10 / 50 ºC	0.5 ºC	30 cm	10
KJB004	-10 / 110 ºC	0.5 ºC	30 cm	10
KJB010	-10 / 50 ºC	1 ºC	30 cm	10
KJB011	-10 / 110 ºC	1 ºC	30 cm	10
KJB012	-10 / 150 ºC	1 ºC	30 cm	10
KJB013	-20 / 150 ºC	2 ºC	30 cm	10
KJB014	-10 / 250 ºC	2 ºC	30 cm	-
KJB017*	-10 / 50 ºC	0.2 ºC	55 cm	10
KJB018	-10 / 50 ºC	0.1 ºC	55 cm	10
KJB019	-10 / 110 ºC	0.2 ºC	55 cm	10
KJB020	-10 / 110 ºC	0.1 ºC	55 cm	10
KJB021	-50 / 50 ºC	1 ºC	30 cm	10
KJB022	-100 / 50 ºC	1 ºC	30 cm	10
KJB016	Stem thermometers certificate ENAC		-	

* without glass ring
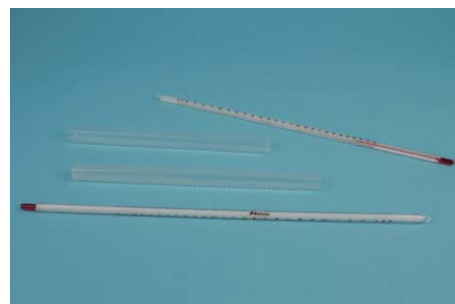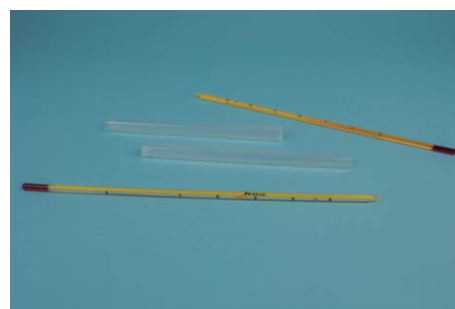
▶ KJD - Enclosed scale

Nahita

▶ Organic liquid

1| Graduated internal scale in black colour
2| Filled with coloured non contaminant and-non harmful organic liquid
3| Glass ring to hang the thermometer
4| Supplied in an individual plastic protection case

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

Mod. KJD002

▶ KJJ - With metallic probe

Nahita

▶ Digital for ovens

1| LCD display for an easy and fast data reading
2| Temperature measuring in ºC or ºF
3| Pre-set temperature alarm. Stopwatch up to 20 hours

Code	KJJ001
Functions	Stopwatch, alarm
Range	50/300 ºC - 122/572ºF
Resolution	1 ºC - 1 ºF
Probe	60 mm, with 1 m cable
Power supply	1 battery 1.5V (AAA)

▶ Digital

1| Temperature measuring in solids and semisolids (food, soils, etc)
2| LCD display for an easy and fast data reading
3| Penetration probe in stainless steel fixed or with cable

Code	KJJ002
Functions	Clock, stopwatch, alarm
Range	0/200 ºC - 32/392 ºF
Resolution	1 ºC - 1 ºF
Probe	170 mm, con cable de 1 m
Power supply	1 battery 1.5V (AAA)

▶ KJM - Environment

Nahita

▶ Digital

1| Temperature (T) and relative humidity (HR) register
2| With clock function and maximum and minimum register
3| Code KJM001 with outdoors/indoors probe

Code	KJM001	KJM002
T range	-50/70 ºC - 58/158 ºF	-50/70 ºC - 58/158 ºF
HT range	5-95 %	10%-99%
Resolution	0.1 ºC - 0.1 ºF - 1 %HR	0.1 ºC - 0.1 ºF - 1 %HR
Precision	±1 ºC - ±2 ºF - ±5 %HR	±1 ºC - ±2 ºF - ±5 %HR
Probe	3 m	No
Power supply	1 battery 1.5V (AAA)	1 battery 1.5V (AAA)
Batch	**25**	-

Mod. KJM001

▶ Wood or plastic thermometers

Code	Range	Material	Resolution	Dimensiones
KJM003	-30/50 ºC	Wood	1 ºC	200x35 mm
	-20/120 ºF		2 ºF	
KJM006	-40/50 ºC	Plastic	1 ºC	400x65 mm
	-40/120 ºF		2 ºF	
KJM015	-15/50 ºC	Plastic	1	200x45 mm
	8/120 ºF		2 ºF	

▶ KJM - Environment

Nahita

▶ For relative humidity (Psychrometers)

1| Made of plastic with protective top for outdoors
2| With double dry-buld and wet-bulb thermometers
3| Incorporated correlation table to extrapolate readings of relative humidity

Code	Range	Resolution	Dimensiones
KJM014	-10/50 ºC	1 ºC	300x75 mm

▶ KJP - For refrigerators

Nahita

▶ Low temperatures

1| Filled with coloured organic liquid

Code	Description	Range	Divi.	Batch
KJP001	Rod	-40/40 ºC	1 ºC	10
KJP004	With hook	-40/40 ºC	1 ºC	50
KJP005	With hook	-40/50 ºC	1 ºC	10

▶ Dual digital

1| Register of environment and refrigerator or freezer temperatures
2| Control zone with sound and light alarm
3| Encapsulated probe with suction cap and 1 m cable

Code	KJP002
T range	-50/70 ºC | -58/158 ºF
Resolution	0.1 ºC | 0.1 ºF
Control zone	Freezer (-23/-9.5 ºC) - Refrigerator (2/8 ºC)
Probe	1 m
Dimensions	135x25x15 mm
Power supply	1 battery 1.5V (AAA)
Batch	25

▶ KJR - Others

Nahita

▶ Stem thermometer with ring

1| With ring to hang the thermometer
2| Non-contaminant and non-harmful coloured organic liquid

Code	Range	Resolution
KJR002	0/50 ºC	1 ºC

▶ KJR - Others

▶ Thermometer for wine

Nahita

1| Wood head that allows holding the thermometer in the bottle neck
2| Non-contaminant and non-harmful coloured organic liquid

Code	Range	Resolution
KJR003	0/40 ºC	1 ºC

▶ Thermometer for soil

Nahita

1| Inserted in a protective aluminum shell
2| Non-contaminant and non-harmful coloured organic liquid

Code	Range	Resolution
KJR006	-10/110 ºC - 20/220 ºF	1 ºC

▶ KKB - Stopwatches

▶ Digital

Nahita

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

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

▶ Digital for competitions

Nahita

1| Register of elapsed time, split time and first and second place finish times
2| It has clock function and programmable alarm

Code	KKB005
Clock	12/24 h
Calendar	Date and day of the week
Stopwatch	23 h 59 min 59 s
Resolution	1/100 s (≤1 h) || 1 s (>1 h)

laboratory equipment | MEASURING INSTRUMENTS

KKF - Clocks

Mechanical timers

1| Portable and desktop timers
2| With alarm when the selected time is over
3| Resolution: 1 minute

Code	Max. time	Type	Dimensiones
KKF001	60 min	Desktop/wall/magnet	70x70x40 mm

Pocket

Nahita

1| Ideal for the laboratory thanks to its small size
2| With clamp for coat pocket, magnet for metallic surfaces and ring for vertical position

Code	KKF002
Clock	Mode 12/24 h
Temporizador	Máx. 23 h 59 min 59 s, with 1 min finish alarm
Memory	1
Stopwatch	23 h 59 min 59 s
Dimensiones	52x67x25 mm
Power supply	1 button battery

KLB - Alcohometers

Nahita

1| Glass body. In Gay Lussac (% alcohol volume) and Cartier scales, calibrated at 20ºC
2| Presented in individual case

Code	Range (%V)	Div.	Length	Diameter	**Batch**
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	210 mm	23 mm	10
KLB002	0-50 %	1	260 mm	16 mm	10
KLB003	50-100 %	1	280 mm	16 mm	10
KLB014	0-100 % vol.	1	290 mm	15 mm	10
	10-44 ºCartier	1/2			

KLD - Baumé hydrometer

Nahita

1| Glass body. Presented in individual case
2| In Baumé scale (1ºBe is equivalent to 25g of sugar dissolved in 1L of water), calibrated at 20ºC.

Code	Range (ºBe)	Res.	Length	Diameter	**Batch**
KLD001	0-10	1/10	310 mm	20 mm	12
KLD005	10-20	1/10	310 mm	18 mm	10
KLD007	20-30	1/10	310 mm	18 mm	10
KLD008	30-40	1/10	310 mm	18 mm	10
KLD009	40-50	1/10	310 mm	17 mm	10
KLD010	50-60	1/10	310 mm	16 mm	10
KLD011	60-70	1/10	310 mm	15 mm	10
KLD002	0-30	1	250 mm	13 mm	10
KLD003	0-50	1	240 mm	10 mm	10
KLD004	0-70	1	290 mm	12 mm	10
KLD006	5-15	1/10	310 mm	20 mm	10

KLG - Hydrometers

Hydrometers

1| Glass body. Presented in individual case
2| In density scale (kg/m^3), calibrated at 20ºC

Code	Range (Kg/m^3)	Res.	L (total)xØ	Batch
KLG001	600-700	1	310x16 mm	12
KLG002	700-800	1	310x16 mm	10
KLG003	800-900	1	310x17 mm	12
KLG004	900-1000	1	310x17 mm	12
KLG005	1000-1100	1	310x17 mm	12
KLG006	1100-1200	1	310x17 mm	12
KLG007	1200-1300	1	310x18 mm	12
KLG008	1300-1400	1	310x18 mm	12
KLG009	1400-1500	1	310x18 mm	10
KLG010	1500-1600	1	310x19 mm	10
KLG011	1600-1700	1	310x20 mm	10
KLG012	1700-1800	1	310x20 mm	10

Quevenne lactometer

1| Indicated for determining milk density in the dairy industry
2| Glass body with scale in lacto-densimetric degrees (15º are equivalent to 1015g/mL)
3| Calibrated at 20ºC and available option with thermometer for deviation correction
4| Presented in individual case

Code	Range	Res.	L (total)xØ	Thermometer	Batch
KLG014	15-40	1	215x19 mm	No	10
KLG015	15-40	1	290x3 mm	Yes (0-40ºC)	10

Battery hydrometer

1| It allows checking the electrolyte state of a battery
2| Resistant glass body, with rubber bulb and suction tube
3| Calibrated at 20ºC

Code	Range	Nº divisions
KLG020	1100-1300 Kg/m^3	5

KLJ - Saccharometers

1| Indicated for determining the sugar concentration of a solution
2| In Brix scale (1ºBrix is equivalent to 1g of saccharose in 100 g of solution (1% in weight)
3| Calibrated at 20ºC and available option with thermometer (0-50ºC)
4| Presented in individual case
5| All saccharometers have thermometer except code KLJ001

Code	Range (ºBx)	Res.	L (total)xØ	Batch
KLJ001	0-30	1	280x15 mm	-
KLJ002	0-10	1/10	375x25 mm	10
KLJ003	10-20	1/10	375x25 mm	10
KLJ004	20-30	1/10	375x25 mm	10
KLJ005	30-40	1/10	375x25 mm	-
KLJ006	40-50	1/10	375x25 mm	-
KLJ007	50-60	1/10	375x25 mm	-

▶ KLL - Mustimeters

Nahita

Code	Range	Res.	L (total)xØ	Batch
KLL001	0-30 ºBe	1/2	290x17 mm	10
KLL005	0-20 ºBe	1/5	260x20 mm	10
	4-22 % alc. probable	1/5		
KLL003	4-18 % alc. probable	1/2	310x19 mm	10
	980-1130 Kg/m3	1		
Wine hydrometer				
KLL002	-5/30 % vol. alcohol	1/1	245x20 mm	10

Mod. KLL002

Mod. KLL005
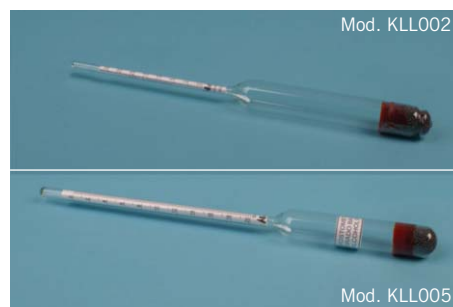
▶ KLN - Liquid hydrometers

Nahita

1| Glass body. Presented in individual case

Code	For	Range	Res.	L (total)xØ	Batch
KLN003	Syrup	0-50 ºBe	1	250x11 mm	8
KLN006	Lye	0-45 ºBe	1/2	255x12 mm	8
KLN007	Salt	0-35 ºBe	1/2	210x13 mm	10

Mod. KLN003

▶ KLQ - Pycnometers

ENDO glassware
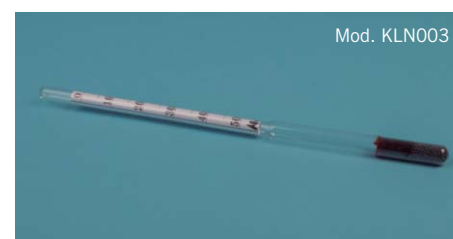
▶ For solids, sand, gravel

Code	Capacity	Tolerance	ØxH (mm)
KLQ004	50 mL	±3 mL	25 x 135

▶ KNB - Rotational viscosimeters

Nahita

▶ Rotational analogic, model 801

1| Analogic rotational viscometer, robust, efficient and of easy use
2| Determination of low dynamic viscosities (motor oil, paints, varnishes, etc)
3| It has 4 rotation speeds and is equipped with 4 spindles
4| Solid column with pinion/rack system to adjust the head height
5| Large and stable support base with adjustable legs and bubble level in the head
6| Supplied in metallic case

Code	KNB001
Measuring range	10-100000 mPa·s (cp)
Precision	±1%
Spindles	nº 1, 2, 3, 4
Motor speed	6/12/30/60 rpm
Tolerance	± 5% (Newtonian fluids)
Power supply	220V, 50 Hz

KNB - Rotational viscosimeters

Rotational digital, model 802

Nahita

1| Large and easy use panel board with LCD display and membrane keypad
2| Determination of low dynamic viscosities (motor oil, paints, sauces, etc.)
3| It has 4 rotational speeds and it is equipped with 4 spindles
4| Solid column with pinion/rack system to adjust the head height
5| Large and stable support base with adjustable legs and bubble level in the head
6| It has RS232 port for connection with PC or printer
7| It is supplied in metallic case. It includes temperature probe

Code	KNB002
Measuring range	1-100000 mPa.s (cp)*
Speed	6/12/30/60 rpm
Precision	$\pm 1\%$ (Newtonian fluids)
Resolution	0.01 ($\mu \leq 10$cp) / 0.1 (10cp $<\mu<10000$cp) / 1 ($\mu \geq 10000$cp)
Repeatability	0.5%
Linearity	$\pm 1\%$ (full range)
Spindles	nº 1, 2, 3, 4
Dimensiones	95x130x155 mm (without support)
Power supply	100-240V / 50-60Hz

* for low viscosities the nº0 spindle is needed (not included)

Rotational digital, model 807

1| Large and easy use panel board with LCD display and membrane keypad
2| Determination of medium (syrups, creams, fats…) and high (melted polymers, asphaltic and rubber compounds…) dynamic viscosities
3| Equipped with 4 spindles and temperature probe
4| Solid column with pinion/rack system to adjust the head height
5| Large and stable support base with adjustable legs and bubble level in the head
6| It has RS232 port for connection with PC or printer
7| Supplied in metallic case

Code	KNB003	KNB004
Model	807/1	807/2
Measuring range	1-6x105 mPa•s (cP)+	1-6x106 mPa•s (cP)*
Speed	1-60 rpm	0.1-99.9 rpm
Precision	$\pm 1\%$	$\pm 1\%$
Resolution	0.01 ($\mu \leq 10$cp)	
	0.1 (10cp $<\mu<10000$cp)	
	1 ($\mu \geq 10000$cp)	
Repeatability	0.5%	
Linearity	$\pm 1\%$ (full range)	
Spindles	nº 1, 2, 3, 4	
Power supply	100-240V / 50-60Hz	

* for low viscosities the nº0 spindle is needed (not included)

KZB - Dissolved oxygen

1| Desktop equipment to measure DO and temperature simultaneously
2| For the control of human consumption waters, urban and industrial sewage waters, industries (fish farms, beverages, canned food) or water circuits in heating systems or boilers among many other applications
3| It includes a polarographic electrode with built-in temperature probe
4| With automatic temperature compensation (ATC) in the range 0-40ºC
5| Calibration at 0% and 100% DO saturation, atmospheric pressure and salinity
6| It has a RS-232 port for connection with PC or printer

Code	KZB001
Measuring range	
DO concentration	0.00-19.99 mg/L
DO saturation	0.0-200.0%
Temperature	-5.0/105.0º C
Precision of electric unit	
DO concentration	± 0.10 mg/L
DO saturation	± 1% (full range)
Temperature	± 0.3º C
Precision of meter	
Concentración OD	± 0.30 mg/L (if |calibration T-measuring T| < ± 3.0º C)
	± 0.50 mg/L (if |calibration T-measuring T| < ± 15.0º C)
DO saturation	± 5% (if |calibration T-measuring T| < ± 3.0º C)
	± 10% (if |calibration T-measuring T| < ± 15.0º C)
Temperature	± 0.5º C ± 1 digit (between 0.0-60.0º C)
	± 1º C ± 1 digit (out of range 0.0-60.0º C)
Stability	± 20 mg/L/1h
Reproducibility	0.20 mg/L
TAC range	0.0-40.0º C (T de solución)
Remaining current	≤ 0.10 mg/L
Answering time	≤ 45 s (90% answer at 20.0º C)
Salinity correction range	0.0-40.0 g/L
Atmospheric pressure correction time	77.0-110.0 kPa
Environmental conditions	5.0-35.0º C; ≤ 80% HR
Memory	50 data groups
Dimensions	290x200x70 mm
Power supply	DC 9 V, 300 mA

Portable dissolved oxygen analyzer 912/8

1| Portable equipment to measure DO and temperature simultaneously in the field
2| For the control of human consumption waters, urban and industrial sewage waters, industries (fish farms, beverages, canned food) or water circuits in heating systems or boilers among many other applications
3| Polycarbonate control panel and large back-lit LCD display
4| It includes a polarographic electrode with built-in temperature probe
5| With automatic temperature compensation (ATC) in the range 0-40ºC
6| Calibration at 0% and 100% DO saturation, atmospheric pressure and salinity
7| It has a RS-232 port for connection with PC or printer (TP.16), software included
8| IP65 protection degree

Code	KZB002
Range	
DO concentration	0.00-19.99 mg/L ± 0.50 mg/L
% DO saturation	0.0-199.9 % ± 10.0 %
Temperature	0.0-40.0 ºC ± 0.5 ºC
Stability	± 0.20 mg/L/1h
Reproducibility	0.20 mg/L
TAC range	0.0-40.0 ºC
Memory	100 data groups
Dimensions	210x86x50 mm
Power supply	4 battery (AA)

KZD - Multiparametric

Multiparametric analyzer 917

Nahita

1| Portable equipment to measure multiple parameters simultaneously in water samples
2| For the control of human consumption waters, urban and industrial sewage waters, industries (fish farms, beverages, canned food) or water circuits in heating systems or boilers among many other applications
3| Polycarbonate control panel and large back-lit LCD display
4| Supplied with pH electrodes (combined), conductivity (Pt), DO and T probe
5| With automatic temperature compensation (ATC) in all the measuring range
6| Calibration function in one, two or multiple points (up to 5 points)
7| USB interface for PC connection
8| IP65 protection degree

Code	KZD001	
Parameters	Range	Precision
Potential (mV)	-1999.99/+1999.99 mV±	0.03 % (full range)
pH/pX (ion)	-2.000 - 19.999 pH/pX	±0.002 pX ± 1 bit
Conductivity	0.000 µS/cm - 199.9 mS/cm	±0.5 % (FS) ± 1 bit
Resistivity	5.00 Ω·cm - 20 MΩ·cm	
TDS / TDS	0.000 mg/l - 19.99 g/L	±0.5 % (FS) ± 1 bit
Salinity	0.0 - 8.00 %	±0.1 % ± 1 bit
DO concentración	0.00 - 19.99 mg/L	±0.10 mg/L
DO saturación	0.0 - 199.9 %	±1.0 %
Temperature	-5.0 / +135.0 ºC	±0.3 ºC ± 1 bit
Memory	200 data groups	
Dimensions	210×86×50 mm	
Power supply	9VDC, 800mA, (4 AA batteries included)	

Accessories multiparametric analyzer 917

Code	Description
KZD002	pH electrode f/multiparametric analyzer
KZD003	Conductivity cell f/multiparametric analyzer
KZD004	DO electrode f/multiparametric analyzer