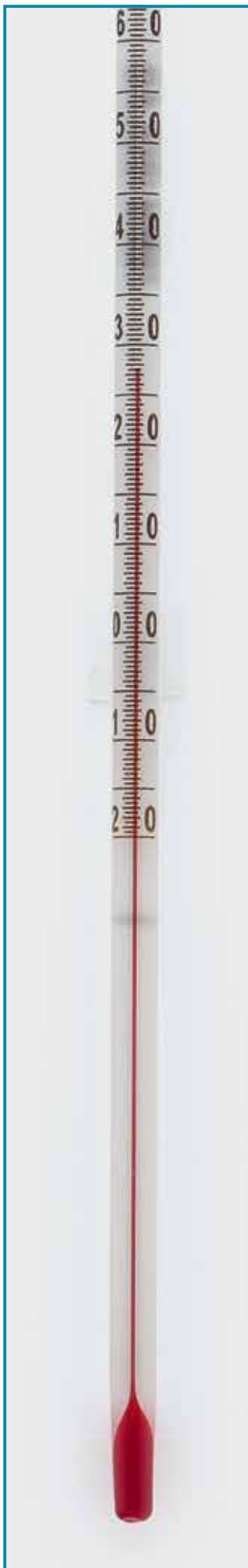




*density & sedimentation
temperature & time
pH & weight measurement*



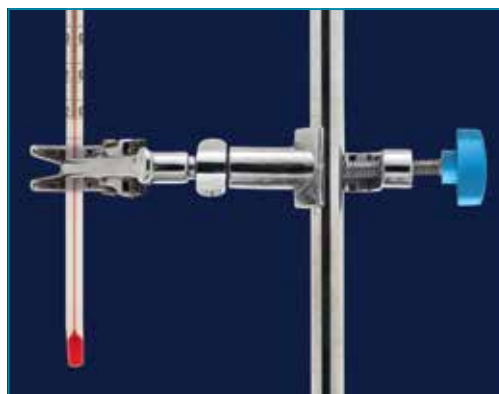


THERMOMETERS - "glass"

- Manufactured from solid stem glass rods with approximately 75 mm immersion depth.
- Printed large graduation on the front wall offers easy temperature reading.
- Large alcohol column with red color enables easy and accurate readout.
- The amber front scale of the thermometer reflects the images more clearly.

catalogue number	operation range °C	subdivision	pack quantity
059.02.001	-20/+50	1°C	10 pieces
059.02.002	-20/+110	1°C	10 pieces
059.02.003	-10/+150	1°C	10 pieces
059.02.004	-10/+200	2°C	10 pieces

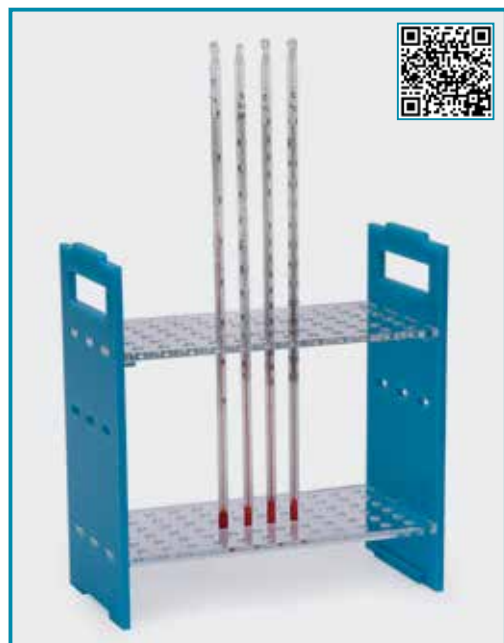
THERMOMETER CLAMP "with bosshead"



- Manufactured from high quality, corrosion resistant chromated steel for holding thermometers in the most secure way.
- Featured with a swivel bosshead which provides 360° swivel of the clamped object around their axis.
- Bosshead locking feature guarantees perfect position hold of the clamped objects.
- Fixing head featured with flexible springs offers easy insertion and extraction of the thermometers.
- Clamps can be opened and closed smoothly with a 30 mm grip diameter.

Other technical specifications can be seen at catalogue page no 51.

STAND "adjustable height"

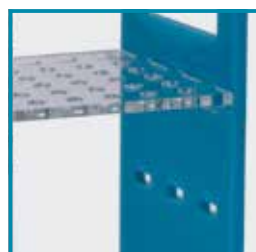


- Manufactured from acrylic for holding 72 thermometers in 12 x 6 array.

- Handles at both sides guarantee easy hold and secure grip.

- Adjustable height upper layer provides multi-use options with shorter objects.

catalogue number	dimensions	pack quantity
059.05.001	210 x 110 x 220 mm	1 piece



Adjustable height upper layer provides multi use options with shorter objects.



THERMOMETER
"portable"

- For temperature measurement in liquids, semi-solids. Specially offers practical solutions with foodstuff.
- Stainless steel probe with 127 mm length can easily be inserted into semi-solid samples.
- Offers temperature measurement on a large and clear 19 x 8 mm LCD display.
- Water resistant sturdy plastic housing offers long life cycle.
- Temperature measurement range is -58°F to +158°F (+/- 0,2°F) or -50°C to +300°C (+/- 0,1°C) selectively.
- °F & °C values are exchangeable by a switch control at the front panel.
- Supplied with a plastic sleeve for the protection of the measuring probe.

catalogue
number

060.01.001

pack
quantity

1 piece



THERMOMETER
"portable"

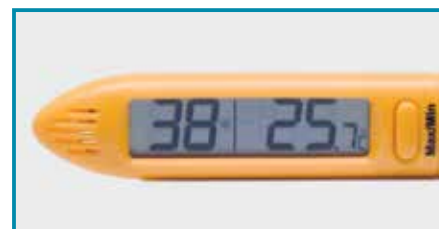
- For temperature measurement in liquids, semi-solids. Specially offers practical solutions with foodstuff.
- Stainless steel probe with 120 mm length can easily be inserted into semi-solid samples.
- Offers temperature measurement on a large and clear 34x14 mm LCD display.
- Water resistant sturdy plastic housing offers long life cycle.
- Temperature measurement range is -58°F to +572°F (+/- 2°F) or -50°C to +300°C (+/- 0,5°C) selectively.
- °F & °C values are exchangeable by a switch control at the front panel.
- Supplied with a plastic sleeve for the protection of the measuring probe.

catalogue
number

060.01.002

pack
quantity

1 piece



THERMOHYGROMETER
"portable"

- Pen shape, thermohygrometer is featured with a rotary probe enabling fast readings.
- Water resistant sturdy plastic housing with 138 mm length offers long life cycle.
- Featured with a clips for safe and practical use.
- Offers dual display for humidity and temperature on a large and clear 52 x 13 mm LCD display.
- Featured with maximum & minimum reading memory.
- Humidity measurement range is 20% RH – 95 %RH with +/- 3%RH accuracy.
- Temperature measurement range is 32 - 122°F (+/- 2°F) or 0 - 50°C (+/- 1°C) selectively.
- °F & °C values are exchangeable by a simple switch control at the back.

catalogue
number

060.03.002

pack
quantity

1 piece



THERMOMETER - "desk-top"

- This desk top electronic thermometer can be also used as wall hanged. With the help of two probes can be used for indoor and out-door temperature measurement simultaneously.
- The folding stand at the back housing offers a convenient angle for easy reading of the results.
- Water resistant sturdy plastic housing with 135 x 75 x 19 mm dimensions offers long life cycle.
- Offers dual display for humidity and temperature on a large and clear 51 x 41 mm LCD display.
- Featured with maximum & minimum temperature reading memory with an alarm function and date / time display.
- Temperature measurement range is -4°F to +122°F (+/- 0,2°F) or -20°C to +50°C (+/- 0,1°C) selectively.
- °F & °C values are exchangeable by a switch control at the front panel.

catalogue number	pack quantity
060.02.001	1 piece



THERMOHYGROMETER - "desk-top"

- This desk top thermohygrometer can be also used as wall hanged. The folding stand at the back housing offers a convenient angle for easy reading of the results.
- Water resistant sturdy plastic housing with 109 x 70 x 19 mm dimensions offers long life cycle.
- Offers dual display for humidity and temperature on a large and clear 40 x 30 mm LCD display.
- Featured with maximum & minimum temperature reading memory with an alarm function.
- Humidity measurement range is 10% RH – 99 %RH with +/- 5%RH accuracy.
- Temperature measurement range is -58°F to +158°F (+/- 0,2°F) or -50°C to +70°C (+/- 0,1°C) selectively.
- °F & °C values are exchangeable by a switch control at the front panel.

catalogue number	pack quantity
060.03.001	1 piece



THERMOMETER - "with foldable probe"

- For temperature measurement in liquids, semi-solids. Specially offers practical solutions with foodstuff.
- Featured with a foldable stainless steel probe with 85 mm length which can move 180° angle. Probe can easily be inserted into semi-solid samples.
- Offers temperature measurement on a large and clear 15 x 30 mm LCD display.
- Temperature measurement range is -58°F to +482°F or -50°C to +250°C with +/- 0,1 resolution.
- °F & °C values are exchangeable by a switch control inside the battery cover.
- Water resistant sturdy plastic housing offers long life cycle.

catalogue number	pack quantity
060.01.003	1 piece



THERMOMETER - "wireless" - "max. & min."

- This thermometer is suitable both for out-door or in-door applications. Shows also time and date simultaneously.
- Maximum and minimum temperature values can also be seen by a selectable switch.
- Featured with a wireless measurement transmitter that can be used up to 60 meters (free field) to the thermometer body.
- Can display in-door and out-door temperature. °F & °C values are selectable by a switch at the front panel.
- Offers a in-door temperature measuring range from -10°C (+ 14°F) to +60°C (+140°F) with a precision of +/- 1°C (+/- 2°F)
- Offers a out-door temperature measuring range from -40°C (-58°F) to +70°C (+158°F) with a precision of +/- 1°C (+/- 2°F)
- Featured with a push buttons switches for resetting, °C or °F selection, maximum or minimum reading setting.

catalogue number	pack quantity
059.03.003	1 piece

Featured with a wireless measurement transmitter that can be used up to 60 meters (free field) to the thermometer body.



THERMOMETER - "max. & min." - "humidity"

- Suitable both for out-door or in-door applications. Weather resistant, robust housing is featured with an inclined shelter for further protection.
- Can measure and display in-door temperature and humidity plus out-door temperature.

Offers 3 parameters

- In-door temperature
- Out-door temperature
- %RH humidity

- Can also records and shows the maximum and minimum values of temperature and humidity selectively.
- Offers a in-door temperature measuring range from -10°C (+14°F) to +50°C (+122°F) with a precision of +/- 1°C (+/- 2°F)
- Offers a out-door temperature measuring range from -50°C (-58°F) to +70°C (+ 158°F) with a precision of +/- 1°C (+/- 2°F)
- Offers a in-door humidity measuring range from 20% RH to 99% RH with a precision of +/- 5% RH.
- Featured with push buttons switches for °C or °F selection and maximum or minimum temperature.
- Can be hanged on walls or can stand on a bench.

catalogue number	pack quantity
059.03.004	1 piece



STOPWATCH - "mechanical"

- This classical stopwatch with mechanical winding system can be used even in extreme conditions.
- Provides time counting up to 30 minutes with 0,2 second resolution.
- Chrome plated sturdy housing provides resistance to sudden impacts and guarantees long life cycle.



STOPWATCH - "electronic"

- Electronic stopwatch offers counting up to 59 minutes, 59 seconds with 0,01 second resolution.
- Offers long life cycle and easy use with it's water resistant sturdy plastic housing and light weight.
- **3 functions:**
 - As a time recorder
 - As a chronometer
 - As a 24 hour timer with alarm function.



TIMER - "mechanical"

- Mechanical timer counts up to 60 minutes with 1 minute resolution.
- No need for batteries. Just winding will be enough to start the time counting.
- A clear bell ring signals at the end of the preset time. Can be interrupted during work and reset any time.
- Can be used on bench top or also can be hanged to any smooth surface.

catalogue number	diameter	pack quantity
055.01.001	50 mm	1 piece

catalogue number	dimensions	pack quantity
055.02.001	63 x 76 x 20 mm	1 piece

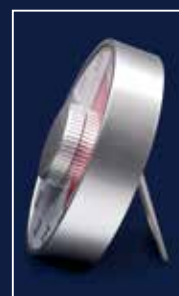
catalogue number	dimensions	pack quantity
056.01.001	60 x 60 x 34 mm	1 piece



TIMER - "mechanical"

- Mechanical timer counts up to 60 minutes with 1 minute resolution. Does not require batteries. Just winding will be enough to start the counting.
- A clear bell ring signals at the end of the preset time. Can be interrupted during work and reset any time.

catalogue number	dimensions	pack quantity
055.03.001	93 x 75 x 59 mm	1 piece



TIMER - "mechanical"

- Mechanical timer counts up to 60 minutes with 1 minute resolution. A large screen with 150 mm diameter provides easy reading option from relatively long distances.
- Featured with a red marked area for remaining time for long distance observation.
- Can be used on bench top or also can be hanged to any smooth surface.

catalogue number	pack quantity
055.04.001	1 piece



TIMER - "electronic"

- Electronic timer counts up to 19 hours, 59 minutes with a 4 digit display for extended hours. Also featured with count-down function.
- A clear bell ring signals at the end of the preset time.
- A large LCD screen with 32 x 12 mm dimensions provides easy reading option from relatively long distances.
- The folding stand at the back housing offers a convenient angle for easy reading. Also featured with a clip at the back side.

catalogue number	timer dimensions	screen dimensions	pack quantity
056.03.001	53 x 62 x 12 mm	32 x 12 mm	1 piece



TIMER - "electronic"

- Electronic timer counts up to 59 minutes, 59 seconds with a 4 digit display. Also featured with count-down function.
- A clear bell ring signals at the end of the preset time.
- A large LCD screen with 50 x 26 mm dimensions provides easy reading option from relatively long distances.
- The folding stand at the back housing offers a convenient angle for easy reading of the results. A clip at the back side of the watch enables easy wall mounting.

catalogue number	timer dimensions	screen dimensions	pack quantity
056.02.001	69 x 69 x 15 mm	50 x 26 mm	1 piece



TIMER - "electronic"

- Electronic timer counts down with selected intervals of 10 seconds / 1 minute / 5 minute and 10 minute.
- A clear visual and audial signal flashes at the end of the selected time.
- LCD screen with 30 x 80 mm dimensions provides easy reading option from relatively long distances.
- The folding stand at the back housing offers a convenient angle for easy reading.
- A clip at the back side of the watch enables easy wall mounting. Can be hanged on metal surfaces with the two magnets provided at the back.

catalogue number	timer dimensions	screen dimensions	pack quantity
056.04.001	70 x 90 mm	30 x 80 mm	1 piece

density & sedimentation & temperature & time & pH & weight measurement

METER - "portable" - "pH & mV & temperature measurement"



- Offers an economical solution for measuring pH & mV and temperature. Simple to calibrate by one keyboard.
- Easy to replace electrode. The new electrode will be recognised automatically and shown at the display.
- Ergonomic, lightweight and waterproof (which can even float on water) housing enables perfect outdoor practice.
- Measured values are shown by a microprocessor based large LCD display.
- Stores maximum and minimum measured values in memory.
- Offers a switchable temperature selection of °C or °F.
- Featured with a low battery and energy consumption indicator.
- Automatic switch-off function closes the circuit after 10 minutes of non use.
- Supplied in a carrying case, with instruction manual and calibration standard set.

Meters are supplied in a sturdy carry case complete with hand held stripe, pH buffer solutions, cleaning solution, instruction manual and other standard accessories.



catalogue no: 616.01.001	pH	mV	Temp
<i>range</i>	-2.00 / 16.00 pH	-1000 / 1000	0 / 90°C
<i>accuracy</i>	± 0.01+1 digit	± 2 + 1 digit	±0.2 + 1 digit
<i>resolution</i>	0.01 pH	1 mv	0.1°C
<i>compensation</i>	0 / 90°C		

METER - "portable" - "pH & mV & temperature & conductivity & TDS & salt measurement"



Supplied with a protective cap

All measurements except mV are done by single electrode.

- Offers an economical solution for measuring pH & mV & temperature. & conductivity & TDS & salt with one single electrode.
- Ergonomic, lightweight and waterproof (which can even float on water) housing enables perfect outdoor practice.
- Simple to calibrate by one keyboard. Memory function stores and recalls different measurements.
- Microprocessor based large LCD displays show the measured values and the temperature simultaneously. For mV measurement 616.02.102 should be used.

- Featured with automatic temperature compensation (ATC). Offers a switchable temperature selection of °C or °F.
- Easy to replace electrode. The new electrode will be recognised automatically and shown at the display.
- Featured with a low battery and energy consumption indicator.
- Automatic switch-off function closes the circuit after 10 minutes of non use.
- Supplied in a carrying case, with instruction manual and calibration standard set.



Meters are supplied in a sturdy carry case complete with hand held stripe, pH buffer solutions, cleaning solution, instruction manual and other standard accessories.

catalogue no: 616.02.002	pH	mV	Temp	Conductivity	TDS	Salt
<i>range</i>	-2.00 / 16.00 pH	-1999 / 2000	0 / 110°C	0 / 199.9 µs 2.00 / 100.00 ms	0 / 131.9 ppm 1.30 / 13.19 ppt	0 / 99.9 ppm 10 / 50.00 ppt
<i>accuracy</i>	± 0.01+1 digit	± 2 + 1 digit	±0,2 + 1 digit	± 2 % FS		
<i>resolution</i>	0.01 pH	0,1 / 1 mv	0.1°C	0.1 µS / 0.01 mS	1 ppm / 0.01 ppt	
<i>compensation</i>	0 / 100°C			0 / 50°C		

density & sedimentation & temperature & time & pH & weight measurement

METERS - "table top"

- Featured with microprocessor based design and rugged housing with splash proof keyboard.
- Microprocessor based large LCD display enables fast and accurate measurements.
- Automatic calibration enables fast measuring cycles.
- Easy replacement of electrode and the type of the electrode would be recognised automatically and shown on the display during insertion.
- Can measure and display (depending on model) pH & mV & temperature & conductivity & TDS & salt & dissolved oxygen in seconds.
- The large backlight LCD displays pH or mV or conductivity or TDS or salt or dissolved oxygen and temperature simultaneously.
- Offers a switchable temperature selection of °C or °F.
- Featured with an automatic temperature compensation (ATC).
- Stores maximum and minimum measured values in memory. Memory function can keep and recall up to 150 data.
- ORP probe is optional. **Cat. No. 616.11.109.**



Table top meters have a special platform with a magnetic stirrer which enables fast and accurate measurements and results.

Membrane keypad with large backlight LCD displays pH or mV or conductivity or TDS or salt or dissolved oxygen and temperature simultaneously.

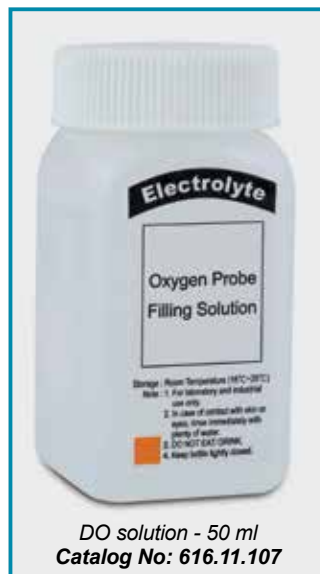
catalogue no: 616.11.001			
	pH	ORP	Temp
<i>range</i>	-2.00/ 16.00 pH	-1999/ -200 mV -199.9/ 499.9 mV 500/ 2000 mV	0/ 110°C
<i>accuracy</i>	± 0.01+1 digit	± 2 + 1 digit	±0.2+1 digit
<i>resolution</i>	0.01 pH	0.1/ 1 mv	0.1°C
<i>compensation</i>	ATC: 0/ 100°C	N/A	

catalogue no: 616.12.001								
	pH	mV	Temp	Conductivity	TDS	Salt	DO	O ₂
<i>range</i>	-2.00/ 16.00 pH	-1999/ -200 mV -199.9/ 499.9 mV 500/ 2000 mV	0/ 110°C	0.0/ 199.9 μS 200/ 1999 μS 2.00/ 19.99 mS 20.0/ 100.0 mS	0.0/ 131.9 ppm 132/ 1319 ppm 1.32/ 13.19 ppt 13.2/ 66.0 ppt	0.0/ 99.9 ppm 100/ 999 ppm 1.00/ 9.99 ppt 10.0/ 50.0 ppt	0/ 20.00 mg/L 0/ 20.00 ppm	0/ 200.0 %
<i>accuracy</i>	± 0.01+1 digit	± 2 + 1 digit	±1+1 digit	± 2 % FS			± 0.2 + 1 digit	± 2 % FS
<i>resolution</i>	0.01 pH	0.1/ 1 mv	0.1°C	0.1 μS/ 0.1 mS	0.1 ppm/ 0.1 ppt	0.1 ppm/ 0.1 ppt	0.01 mg/ L	0.10%
<i>compensation</i>	ATC: 0/ 100°C	N/A		ATC: 0/ 60°C			ATC: 0/ 60°C MSC: 0/ 50 ppt MAC: 0/ 20000 ft	

ACCESORIES - "for pH meters"



Soaking solution - 50 ml
Catalog No: 616.01.101



DO solution - 50 ml
Catalog No: 616.11.107



Conductivity solution - 120 ml
Catalog No: 616.11.101



Conductivity solution - 120 ml
Catalog No: 616.11.102

for 616.01.001



pH electrode
Catalog No: 616.01.103

for 616.01.001



ORP electrode
Catalog No: 616.01.104

for 616.02.002



pH electrode
Catalog No: 616.02.101

for 616.02.002



ORP electrode
Catalog No: 616.02.102

for 616.11.001 & 616.12.001



pH electrode
Catalog No: 616.11.103

for 616.12.001



Conductivity electrode
Catalog No: 616.11.104

for 616.12.001



DO probe
Catalog No: 616.11.105

for 616.11.001 & 616.12.001



Temperature probe
Catalog No: 616.11.108

pH BUFFER SOLUTIONS

➤ Ready to use pH buffer solutions with color coding, accuracy ± 0.01 pH at 20°C. Traceable to NIST, packed in unique designed, practical twin-neck dosing bottles!

➤ Unique and innovative design of the "twin neck" dosing bottles offers multiple advantages:

➤ No need for a separate measuring container during calibration.

➤ No waste of buffer since exact and correct quantity of buffer is dispensed into the calibrating chamber at all times.

➤ Ideally suited for field work and easy to carry.

Operation is simple, fast and easy;

➤ Open safety lock of the integrated calibration chamber.

➤ Fill calibration chamber from buffer reservoir by pressing the bottle gently.

➤ Calibrate pH electrode then discard used buffer solution. Bottle is now ready for the following use.

catalogue number	pH range	color	volume	pack quantity
502.04.500	4.00	red	500 ml	1 piece
502.04.901	4.00	red	1000 ml	1 piece
502.07.500	7.00	yellow	500 ml	1 piece
502.07.901	7.00	yellow	1000 ml	1 piece
502.10.500	10.00	blue	500 ml	1 piece
502.10.901	10.00	blue	1000 ml	1 piece



pH BUFFER SOLUTIONS

➤ Ready to use pH buffer solutions at 20°C.

➤ Measured with a combination glass electrode after multiple point calibration with reference materials.

➤ It is certified traceable to the following National Institute of Standards and Technology (USA).



catalogue number	pH range	technical specifications	volume (ml)	box quantity
908.B01.1000	1.00 ± 0.02	(hydrochloric acid, potassium chloride)	1000	1 piece
908.B02.1000	2.00 ± 0.02	(glycine, hydrochloric acid, sodium chloride)	1000	1 piece
908.B03.1000	3.00 ± 0.02	(potassium hydrogen phthalate, hydrochloric acid)	1000	1 piece
908.B04.1000	4.00 ± 0.01	(potassium hydrogen phthalate)	1000	1 piece
908.B05.1000	5.00 ± 0.01	(potassium hydrogen phthalate, 1m sodium hydroxide.)	1000	1 piece
908.B06.1000	6.00 ± 0.01	(potassium di-hydrogen orthophosphate, disodium hydrogen orthophosphate)	1000	1 piece
908.B07.1000	7.00 ± 0.01	(potassium di-hydrogen phosphate, disodium hydrogen phosphate)	1000	1 piece
908.B08.1000	8.00 ± 0.01	(di-sodium tetraborate, 1m hydrochloric acid)	1000	1 piece
908.B09.1000	9.00 ± 0.01	(di-sodium tetraborate, 1m hydrochloric acid.)	1000	1 piece
908.B10.1000	10.00 ± 0.01	(di-sodium tetraborate, 1m sodium hydroxide)	1000	1 piece
908.B11.1000	11.00 ± 0.05	(glycine, sodium chloride, sodium hydroxide)	1000	1 piece



LITHMUS PAPERS - "red & blue"

- Litmus papers are the simplest and easiest way to measure pH values where no precise pH value is required. They are useful for determining whether a solution is acidic or basic.
- The red litmus paper has a pH measurement range 5,0 pH to 8,0 pH. The color changes from **red** → **blue**
- The blue litmus paper has a pH measurement range 8,0 pH to 5,0 pH. The color changes from **blue** → **red**
- Packed as a booklet of 20 papers. 10 booklets are packed in a polystyrene box for for easy dispensing.

catalogue number	paper type	pack quantity
101.01.001	red	10 booklets
101.01.002	blue	10 booklets



pH PAPER - "universal" - "roll"

- Most commonly used pH papers for a wide field of application of pH measurement. They can measure pH values between 1,0 pH to 14,0 pH with 1 pH intervals.
- They provide easy pH measurement of solutions by using single color change.
- After the measurement, the pH value can be found by matching the color on the paper with the reference color chart printed at the back side of the box.
- Supplied in a box roll of 6 mm width and 5 meters length.

catalogue number	pack quantity
101.02.002	1 box



pH INDICATOR STRIPS

- They provide precise pH measurement of solutions by using single color change.
- pH measurement pads with different colors are chemically bounded to a cellulose fiber stick.
- This effectively protects the sample against contamination and enables measurements even in weakly buffered or strongly alkaline solutions.
- Fingers are protected from the test solution since the test pads are located at the extreme end of the strips.
- Since the pads do not bleed, pad colors do not interfere and mix with each other after the test and ensures reliable pH measurement.
- After the measurement, the pH value can be found by matching the colors on the pads with the reference color chart printed at the back side of the box.
- 100 pieces strip is packed in a clear polystyrene box for hygienic storage and for easy dispensing.

Isolab brand	M. Nagel brand	pH measuring range	pH graduation	strip width	strip length	pack quantity	box quantity
101.02.001	101.02.003	0,0 - 14,0 pH	1,0 pH	6 mm	80 mm	100 strips	1000 strips



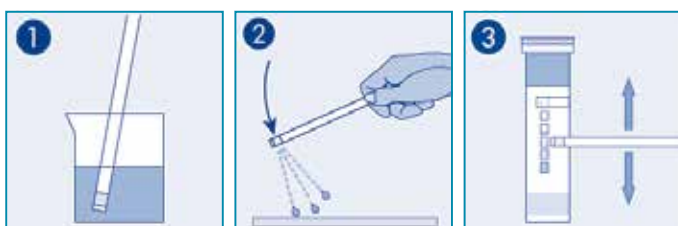
TEST STRIPS - "PEHANON"

- Test strip for pH measurement which unifies the pH-indicator with the reference pH color chart on the same strip.
- pH values can be determined without a separate color chart. They provide precise pH measurement of solutions by using single color change.
- The user can be sure to get accurate pH values at all times.
- Fast measurement results are guaranteed since they do not require an addition step of matching the pad color with a reference color scale.
- The handle will remain dry and clean by the invisible hydrophobic barrier.
- 200 pieces strip is packed in a clear polystyrene box for hygienic storage and for easy dispensing.

Isolab brand	M. Nagel brand	pH measuring range	pH graduation	strip width	strip length	pack quantity	box quantity
101.14.003	101.04.003	3,8 - 5,5 pH	0,2/0,3 pH	6 mm	80 mm	200 strips	2000 strips

QUANTOFIX TEST STRIPS - "peroxide"

- A very special "ready-to-use" test strip with semi-quantitative nature for various measurements.
- Can be considered as ready to use kits that give precise results 10 - 120 seconds after use. Precise graduations guarantees reliable test results.
- The color chart is adjusted by certified standard solutions which are directly traceable to NIST standards.
- For reliable test results and longevity of the strip closing the cap after removing the strip is recommended.
- The desiccant in the stopper also effectively protects the strip against moisture.
- 100 pieces strip are packed in a box for hygienic storage and for easy dispensing.



Dip the test strip in sample as far as the arrow indicates. Shake off excess liquid and place the strip on a horizontal surface. Read the result by comparing the test field with the color scale for one second.



Isolab brand	M. Nagel brand	product name	product type	graduation	strip width	strip length	pack quantity	box quantity
101.13.003	101.03.003	QUANTOFIX	PEROXIDE 100	0 - 1 - 3 - 10 - 30 - 100 mg/L H ₂ O ₂	6 mm	95 mm	100 strips	1000 strips

TEST STRIPS - "for water hardness"

- In dialysis hard water can damage the delicate osmosis units.
- For this reason accurate and quick testing of water hardness is very important
- "Diaquant" test strips are specially designed for reliable and accurate low-range water hardness tests of rinse and feed water specially at dialysis environment.
- All water hardness tests are done simple and fast without any mixing.
- The easy dip & read procedure provides a reliable result in 10 seconds.
- After the test color changes from white to pink.
- Packed in a box of 50 strips of 6 mm width and 95 mm length.



Isolab brand	M. Nagel brand	graduation	pack quantity
101.13.005	101.03.005	0 - 5 - 10 - 20 ppm CaCO ₃	50 pieces

AQUADUR TEST STRIPS

- A special "ready-to-use" test strip for determination of water hardness.
- Clear color changes from green to red guarantees reliable test results.
- Can precisely determine water hardness in a liquid very precisely from very soft water to very hard water.
- Since the color change is very clear and sharp with green / red indication they do not require any reference color scale for matching.
- The hardness of the water depends on its content of calcium and magnesium salts and expressed in terms of ppm (mg/l) CaCO₃.
- Packed in a box of 100 strips of 6 mm width and 95 mm length.



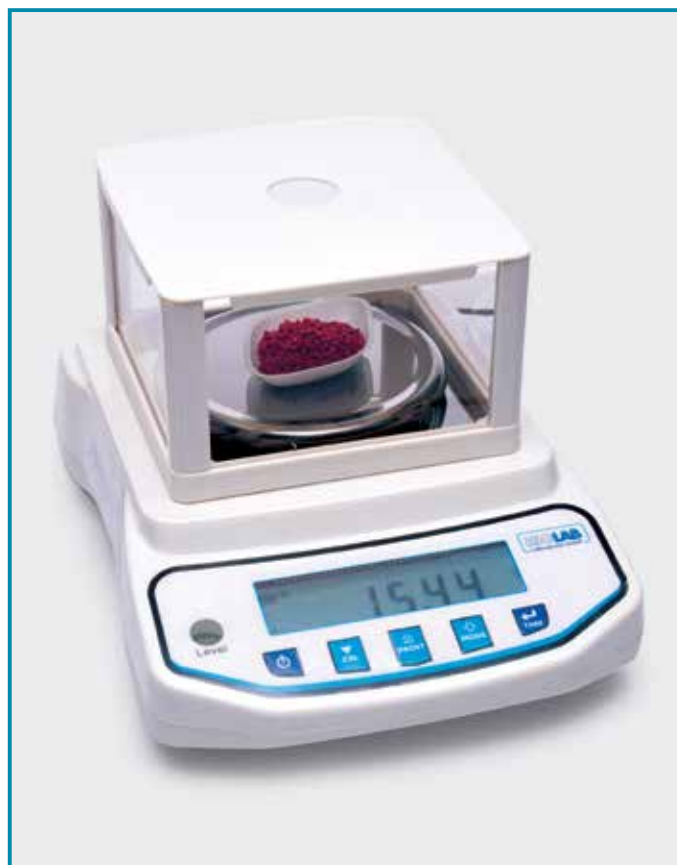
Isolab brand	M. Nagel brand	graduation	pack quantity
101.13.004	101.03.004	<3->5->10->15->20->25°d	100 strips



BALANCE - "0,001 g precision"

- Reliable weighing with 0,001 g precision with single cell weighing system.
- Microprocessor controlled weighing technology guarantees fast and precise results at any time.
- Equipped with external weight calibration system for quick setting.
- Featured with easy-to-read, large, backlite LCD display with advanced eye protection.
- State-of-art touch button screen with optimised keypad response immediately.
- Robust housing protects internal components from environmental effects.
- Equipped with internal re-chargeable battery. Supplied with a dust cover.

catalogue no	602.31.002
weighing range (g)	320
readability (g)	0,001
reproducibility (mg)	± 2
linearity (mg)	± 3
pan diameter (mm)	85
weighing units	g, kg, lb, oz, ozt, gn, ct
calibration	external
display	LCD
cabin type	with windshield
dimensions (mm)	280x210x275



BALANCE - "0,01 g precision"

- Reliable weighing with 0,01 g precision with single cell weighing system.
- Microprocessor controlled weighing technology guarantees precise results.
- Equipped with external weight calibration system for quick setting.
- Featured with easy-to-read, large, backlite LCD display with advanced eye protection.
- State-of-art touch button screen with optimised keypad response immediately.
- Robust housing protects internal components from environmental effects.
- Equipped with internal rechargeable battery. Supplied with a dust cover.

catalogue no	602.31.003
weighing range (g)	1200
readability (g)	0,01
reproducibility (mg)	± 20
linearity (mg)	± 20
pan diameter (mm)	130
weighing units	g, kg, lb, oz, ozt, gn, ct
calibration	external
display	LCD
cabin type	with windshield
dimensions (mm)	280x210x180



BALANCE
"0,01 g precision"

- Reliable weighing with 0,01 g precision with single cell weighing system.
- Microprocessor controlled weighing technology guarantees precise results.
- Equipped with external weight calibration system for quick setting.
- Featured with easy-to-read, large, backlite LCD display with advanced eye protection.
- State-of-art touch button screen with optimised keypad response immediately.
- Robust housing protects internal components from environmental effects.
- Equipped with internal rechargeable battery. Supplied with a dust cover.



BALANCE
"0,01 g precision"

- Reliable weighing with 0,1 g precision with single cell weighing system.
- Microprocessor controlled weighing technology guarantees precise results.
- Equipped with external weight calibration system for quick setting.
- Featured with easy-to-read, large, backlite LCD display with advanced eye protection.
- State-of-art touch button screen with optimised keypad response immediately.
- Robust housing protects internal components from environmental effects.
- Equipped with internal rechargeable battery. Supplied with a dust cover.



BALANCE
"0,01 g precision"

- Provides comfortable and reliable weighing with 0,01 g precision.
- Fits even into a pocket. Occupies minimal space on the laboratory bench, yet maintains optimal performance. Ideal assistant where mobility and precision are required.
- Microprocessor controlled weighing technology guarantees precise results.
- Featured with easy-to-read, large, backlite LCD display with advanced eye protection.
- Robust housing protects internal components from environmental effects.
- Battery operated. With auto power off after 30 seconds for energy saving.



catalogue no	602.31.006
weighing range (g)	4200
readability (g)	0,01
reproducibility (mg)	± 20
linearity (mg)	± 40
pan size (mm)	185 x 160
weighing units	g, kg, lb, oz, ozt, gn, ct
calibration	external
display	LCD
cabin type	without windshield
dimensions (mm)	280x210x100 mm

catalogue no	602.31.007
weighing range (g)	6200
readability (g)	0,1
reproducibility (mg)	± 100
linearity (mg)	± 200
pan size (mm)	185 x 160
weighing units	g, kg, lb, oz, ozt, gn, ct
calibration	external
display	LCD
cabin type	without windshield
dimensions (mm)	280x210x100 mm

catalogue no	602.32.001
weighing range (g)	500
readability (g)	0,01
reproducibility (mg)	± 50
linearity (mg)	± 50
pan size (mm)	100 x 100
weighing units	g, oz, gn,
calibration	-----
display	LCD
cabin type	without windshield
dimensions (mm)	125x105x16 mm

density & sedimentation & temperature & time & pH & weight measurement



WEIGHING DISHES - "P.S"

- Manufactured from polystyrene for many applications such as weighing, dispensing and storing.
- Anti-static property of the raw material eliminates the static built-up. Specially recommended for weighing fine powders.
- They can also be used as freeze and mixing trays for small batches and also during microwave moisture analysis.
- Guarantees chemical and temperature resistance between -10°C to +70°C.
- Flat bottom ensures perfect stability on counters while smooth and non-porous inner surface provides accurate pour outs with minimal sample loss.

Non-sterile dishes are packed as 100 pieces.
Sterile dishes are packed as 10 pieces.



dish color	diamond dishes non-sterile	diamond dishes gamma sterile	dish volume	square dishes non-sterile	square dishes gamma sterile	dish volume
white	037.05.005	037.15.005	5 ml	037.09.007	037.19.007	7 ml
white	037.05.030	037.15.030	30 ml	037.09.100	037.19.100	100 ml
white	037.05.100	037.15.100	100 ml	037.09.250	037.19.250	250 ml
black	037.06.005	037.16.005	5 ml	037.11.007	037.21.007	7 ml
black	037.06.030	037.16.030	30 ml	037.11.100	037.21.100	100 ml
black	037.06.100	037.16.100	100 ml	037.11.250	037.21.250	250 ml



With a slight pressure to the sides weighing dishes can easily be covered into a pouring funnel for easy and non-spill transfer of samples.



WEIGHING DISHES "aluminum"

- Manufactured from high grade, oil free, durable and light gauge aluminium.
- Unique design guarantees excellent use with moisture determination balances.
- Can also be used as a mixing or weighing pan.
- Wall with 6 mm height guarantees spill-free application.
- Easily stackable due to the tapered body form for reducing storage space.

catalogue number	Ø x H (mm)	pack quantity
037.25.100	100x6	50 pieces



WEIGHING DISHES "aluminum"

- Manufactured from high grade, oil free, durable and light gauge aluminium. Featured with compressed walls for extra stability.
- Designed to be used as weighing dishes, evaporating dishes or drying dishes.
- Featured with a handle which enables easy holding of the dish. Can also be used as a marking surface.
- Easily stackable due to the tapered body form for reducing storage space.

catalogue number	Ø x H (mm)	pack quantity
037.24.045	49x12	100 pieces
037.24.055	60x15	100 pieces
037.24.065	66x16	100 pieces



WEIGHING DISHES "aluminum"

- Manufactured from high grade, oil free, durable and light gauge aluminium. Featured with compressed walls for extra stability.
- Unique design offers variety of applications. They can be used as weighing dishes, as mixing dishes also even as dishes for storing samples.
- Easily stackable due to the tapered body form for reducing storage space.

catalogue number	Ø x H (mm)	pack quantity
037.23.070	70x22	100 pieces
037.23.085	88x38	100 pieces
037.23.110	110x34	100 pieces

density & sedimentation & temperature & time & pH & weight measurement



WEIGHING SCOOPS - "glass"

➤ Made from glass with flat base ensuring stability on the balance pans.

➤ Hollow stem enables very easy powder transfer.

catalogue number	max. volume	pack quantity
037.07.001	3 ml	1 piece
037.07.002	6 ml	1 piece
037.07.003	10 ml	1 piece



WEIGHING SCOOPS - "stainless steel"

➤ Manufactured from stainless steel.

➤ Highly polished smooth interior provides accurate pour outs without sample loss.

catalogue number	length	pack quantity
037.04.001	95 mm	1 piece
037.04.002	117 mm	1 piece
037.04.003	125 mm	1 piece



WATCH GLASSES - "glass"

➤ Manufactured from soda-lime glass according to DIN 12341 standard. Ideal tools also for evaporation applications and for covering the hot beakers.

➤ Fire polished edges prevent chipping and avoid breakage.

catalogue number	Ø (mm)	pack quantity
037.01.050	50	10 pieces
037.01.060	60	10 pieces
037.01.070	70	10 pieces
037.01.080	80	10 pieces
037.01.100	100	10 pieces
037.01.125	125	10 pieces
037.01.150	150	10 pieces
037.01.200	200	10 pieces



WEIGHING BOTTLES - "glass"

➤ Manufactured from heat resistant, durable borosilicate glass complete with a lid.

➤ The interchangeable lids perfectly fit to the NS necks. Once closed they provide hermetical closure.

catalogue number	Ø x H (mm)	pack quantity
037.02.254	25 x 40	1 piece
037.02.353	35 x 30	1 piece
037.02.402	40 x 25	1 piece
037.02.305	30 x 50	1 piece
037.02.503	50 x 30	1 piece
037.02.357	35 x 70	1 piece
037.02.603	60 x 30	1 piece
037.02.408	40 x 80	1 piece
037.02.803	80 x 30	1 piece
037.02.508	50 x 80	1 piece



WEIGHING PAPER

➤ Manufactured from impervious and transparent paper specially suitable for weighing.

➤ Leaves no residue and impurity during and after weighing application.

➤ Cut as 100 x 100 mm dimensions and packed as a booklet of 250 papers.

catalogue number	pack quantity
037.33.001	1 booklet



WEIGHING BRUSH

➤ Ideal tool for cleaning weighing boats, balance pans, weighing dishes and any similar object.

➤ Manufactured from extremely soft synthetic hair.

➤ Pointed tip provides excellent effective cleaning.

catalogue number	pack quantity
037.32.001	1 piece



DENSITY BOTTLES - "non - calibrated & calibrated"

➤ All density bottles are manufactured according to ISO 3507 standard. For easy differentiation both the body and the stopper carries the same identification code number.

➤ They are supplied with a stopper with excellently polished upper and lower ends. Nominal volume and inscriptions are printed with blue enamel.

➤ **Non-calibrated density bottles** are supplied without calibration.

➤ **Calibrated density bottles** are calibrated together with the stopper with a precision of 0,001 ml. Net volume is engraved on the body.

➤ **Calibrated density bottles** with thermometer are calibrated together with the stopper with a precision of 0,001 ml. Net volume is engraved on the body. Supplied with a thermometer of scale range +10°C to +40°C, with scale 0,5°C.



Net volume with 0,001 ml precision is engraved on the body of calibrated density bottles.

volume	non-calibrated density bottles	calibrated density bottles	calibrated density bottles with thermometer	pack quantity
5 ml	023.01.005	023.02.005	023.03.005	1 piece
10 ml	023.01.010	023.02.010	023.03.010	1 piece
25 ml	023.01.025	023.02.025	023.03.025	1 piece
50 ml	023.01.050	023.02.050	023.03.050	1 piece
100 ml	023.01.100	023.02.100	023.03.100	1 piece

IMHOFF CONES

➤ Manufactured from heat resistant, durable borosilicate glass according for sedimentation tests according to DIN 12672 standard.

➤ Featured with volume graduation of 1000 ml. Volume graduations and inscriptions are printed with white enamel.

graduation range	subdivision
0 - 2 ml	0,1 ml
> 2 - 10 ml	0,5 ml
> 10 - 40 ml	1,0 ml
> 40 - 100 ml	2,0 ml
> 100 - 1000 ml	50,0 ml

catalogue number	cone type	pack quantity
043.20.001	without stopcock	1 piece
043.20.002	with stopcock	1 piece



IMHOFF CONE STANDS

➤ Manufactured to hold two imhoff sedimentation cones of any type.

➤ Compact design allows easy carry of imhoff cones even when the cones are filled.

catalogue number	rack type	pack quantity
043.22.002	PMMA	1 piece

