

# COMPARATOR

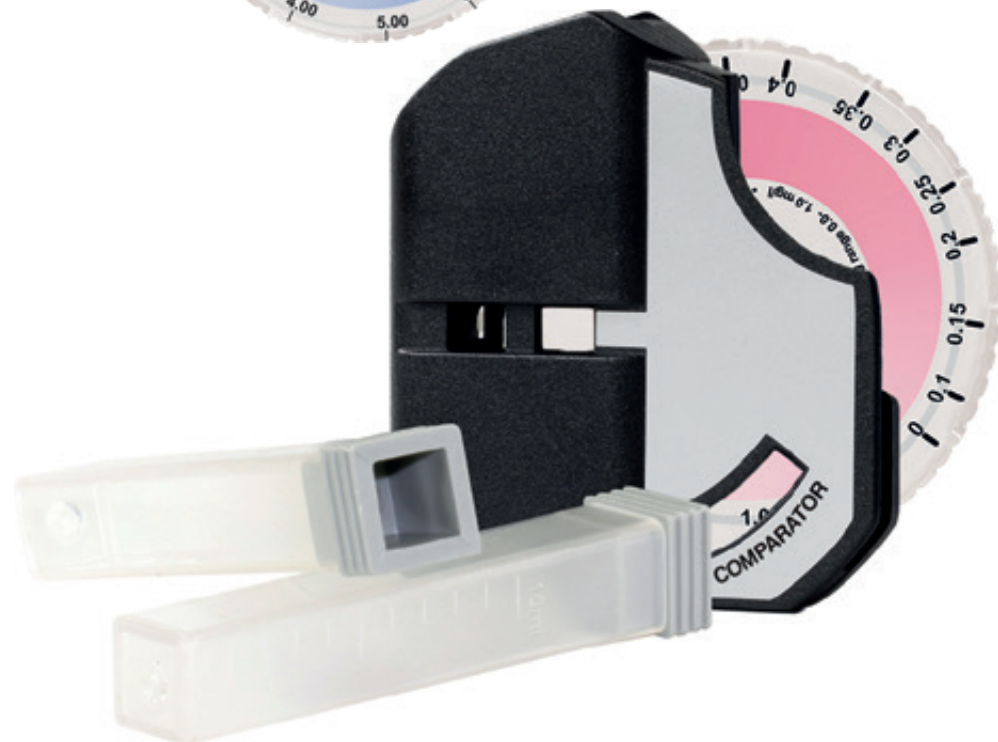
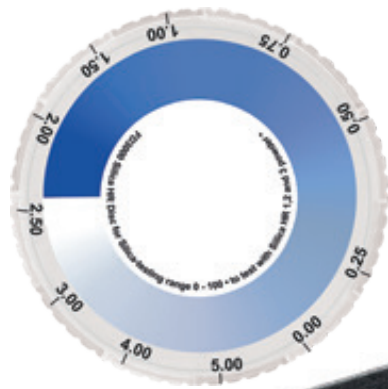
RELIABLE WATER TESTING EQUIPMENT

ONE TEST AND ONE BLANK CUVETTE

PRECISE ONGOING COLOUR SCALE (COLOUR DISC)

RAPID DISSOLVING WATER-I.D.<sup>®</sup> TABLET REAGENTS

MORE THAN 40 DIFFERENT PARAMETER | METHODS | DISCS AVAILABLE



- DRINKING WATER
- WASTE WATER
- MARINE
- BOILER WATER
- COOLING WATER
- POOLS
- FOOD PROCESSING

Water-i.d.<sup>®</sup> comparators provide you with access to semi-professional water analysis.

While comparators are – like Pooltesters – visual measurement devices, the arrangement of the measured colour to the scale – and the determination of the measurement value – is much more precise with comparators because the measurement is compared to a rotating, ongoing colour scale (colour disc).

There are no measurement results “between” individual colour scales. Ergonomic design and high quality materials also simplify measurements.

So far, 43 different parameters can be tested with the same basic model. Just a different disc and reagents are needed to extend your Comparator-Kit.

Each Water-i.d.<sup>®</sup> Comparator-Kit comes in a grey plastic case with foam insert, including a basic Comparator device, at least 2x square 10ml plastic cuvettes, a stirring rod, a cleaning brush and reagents (tablets, liquids or powders, depending on the parameter) to perform at least 30 tests.



Active Oxyg. (MPS)	0 – 20 mg/l
Alkalinity	0 – 250 mg/l
Aluminium	0.00 – 0.30 mg/l
Ammonia	0.00 – 1.00 mg/l
Bromine	0.0 – 10.0 mg/l
Carbohydrazide	0.00 – 0.65 mg/l
Calcium Hardn.	0 – 500 mg/l
Chloride	0 – 40 mg/l
Chlorine	0.00 – 1.00 mg/l
Chlorine HR	0.2 – 5.0 mg/l
Chlorine VHR	0 – 300 mg/l
Chlorine Diox. LR	0.00 – 1.90 mg/l
Chlorine Diox.	0.00 – 6.65 mg/l
Copper	0.0 – 5.0 mg/l
Copper Zinc LR	0.00 – 1.00 mg/l
Copper Zinc HR	0.0 – 5.0 mg/l
Colour (Hazen Apha)	15 – 500 units
Cyanuric Acid	20 – 80 mg/l
DEHA	0.0 – 0.5 mg/l
Fluoride	0.00 – 2.00 mg/l
Hyd. Peroxide	5 – 50 mg/l
Iron LR	0.05 – 1.00 mg/l

Iron HR	1.0 – 10.0 mg/l
Magnesium	1 – 100 mg/l
Manganese	0.0 – 5.0 mg/l
Molybdate HR	0 – 100 mg/l
Molybdate VHR	0 – 500 mg/l
Nitrate HR	1 – 100 mg/l
Nitrite LR	0.00 – 0.50 mg/l
Ozone	0.0 – 3.4 mg/l
pH 6.5 – 8.4	6.5 – 8.4 pH
pH 4 – 10	4 – 10 pH
PHMB	10 – 100 mg/l
Phosphate LR	0.00 – 4.00 mg/l
Phosphate HR	0 – 80 mg/l
Potassium	0.8 – 12.0 mg/l
QAC HR	0 – 200 mg/l
Silica HR	0 – 100 mg/l
Silica LR	0.00 – 5.00 mg/l
Sodium-Hypochl.	2 – 18 %
Sulphide	0.04 – 0.50 mg/l
Total Hardness	20 – 500 mg/l
Zinc	0.00 – 1.00 mg/l

# FLEXI TESTER®

RAPID DISSOLVING WATER-I.D.®  
TABLET REAGENTS

ONGOING COLOUR SCALE ON A  
PARAMETER-STICK

CONVENIENT BOX FOR TRANSPORT  
AND STORAGE

EASY PUSH THROUGH BLISTER



- DRINKING WATER
- MARINE
- BOILER WATER
- COOLING WATER
- POOLS

Water-i.d.® FlexiTester® provides you with access to semi-professional water analysis.

While FlexiTesters® are – like Pooltesters – visual measurement devices, the arrangement of the measured colour to the scale – and the determination of the measurement value – is much more precise with FlexiTesters® because the measurement is compared to an ongoing colour scale on a parameter-stick.

There are no measurement results “between” individual colour scales. Ergonomic design and high quality materials also simplify measurements. So far, 43 different parameter-methods can be tested with the same basic model. Just a different parameter-stick and reagents are needed to extend your FlexiTester® kit.



Active Oxyg. (MPS)	0 – 20 mg/l
Alkalinity	0 – 250 mg/l
Aluminium	0.00 – 0.30 mg/l
Ammonia	0.00 – 1.00 mg/l
Bromine	0.0 – 10.0 mg/l
Carbohydrazide	0.00 – 0.65 mg/l
Calcium Hardn.	0 – 500 mg/l
Chloride	0 – 40 mg/l
Chlorine	0.00 – 1.00 mg/l
Chlorine HR	0.2 – 5.0 mg/l
Chlorine VHR	0 – 300 mg/l
Chlorine Diox. LR	0.00 – 1.90 mg/l
Chlorine Diox.	0.00 – 6.65 mg/l
Copper	0.0 – 5.0 mg/l
Copper Zinc LR	0.00 – 1.00 mg/l
Copper Zinc HR	0.0 – 5.0 mg/l
Colour (Hazen Apha)	15 – 500 units
Cyanuric Acid	20 – 80 mg/l
DEHA	0.0 – 0.5 mg/l
Fluoride	0.00 – 2.00 mg/l
Hyd. Peroxide	5 – 50 mg/l
Iron LR	0.05 – 1.00 mg/l

Iron HR	1.0 – 10.0 mg/l
Magnesium	1 – 100 mg/l
Manganese	0.0 – 5.0 mg/l
Molybdate HR	0 – 100 mg/l
Molybdate VHR	0 – 500 mg/l
Nitrate HR	1 – 100 mg/l
Nitrite LR	0.00 – 0.50 mg/l
Ozone	0.0 – 3.4 mg/l
pH 6.5 – 8.4	6.5 – 8.4 pH
pH 4 – 10	4 – 10 pH
PHMB	10 – 100 mg/l
Phosphate LR	0.00 – 4.00 mg/l
Phosphate HR	0 – 80 mg/l
Potassium	0.8 – 12.0 mg/l
QAC HR	0 – 200 mg/l
Silica HR	0 – 100 mg/l
Silica LR	0.00 – 5.00 mg/l
Sodium-Hypochl.	2 – 18 %
Sulphide	0.04 – 0.50 mg/l
Total Hardness	20 – 500 mg/l
Zinc	0.00 – 1.00 mg/l

# MINI-KITS

SIMPLE DOSING REAGENTS

VARIOUS PARAMETERS AND KITS

TABLET COUNT METHOD (TITRATION)

YES | NO METHOD

TURBIDITY METHOD



- DRINKING WATER
- WASTE WATER
- MARINE
- BOILER WATER
- COOLING WATER
- POOLS
- FOOD PROCESSING

Some Water-i.d.® Mini Kits are based on the tablet counting method, in which tablets are added to the water until the colour changes in a defined way. The amount of added tablets is entered into a formula to determine the measured value. The innovative Water-i.d.® tablet push-through blisters simplify the procedure.

In the turbidity method, the water sample becomes turbid after the reagent is added. The intensity of the turbidity determines the value. In the yes/no test method, a distinction is made between 2 different colours. Depending on which colour develops, the parameter is present in the sample or not. All the titration and turbidity methods and the yes/no test are simple and proven measuring methods for determining water values.

Each Water-i.d.® Mini Kit is supplied in a gray plastic case with foam insert, at least 1x 100ml plastic beaker with

measuring and dilution scale, stirring rod, cleaning brush and – parameter dependent – 100 reagent tablets. The measuring range can be easily extended by diluting the water sample.



Item-Code	Parameter	Measurement-range	Tablet Count	Turbidity	Yes No
SVZ500	Alkalinity-M	(10 – 500 mg/l CaCO <sub>3</sub> )	.		
SVZ550	Alkalinity-P	(20 – 500 mg/l CaCO <sub>3</sub> )	.		
SVZ555	Alkalinity-P (./ BaCl <sub>2</sub> )	(20 – 500 mg/l CaCO <sub>3</sub> )	.		
SVZ1300	Calcium Hardness	(10 – 500 mg/l CaCO <sub>3</sub> )	.		
SVZ1400	Total Hardness HR	(5 – 500 mg/l CaCO <sub>3</sub> )	.		
SVZ1450	Total Hardness LR	(1 – 50 mg/l CaCO <sub>3</sub> )	.		
SVJ1400	(Total) Hardness yes-no	(4   8   20 mg/l CaCO <sub>3</sub> )			.
SVZ1600	Chloride	(5 – 5000 mg/l Cl)	.		
SVT1100	Cyanuric Acid	(0 – 200 mg/l)		.	
SVZ1700	Nitrite	(70 – 1500 mg/l NaNO <sub>2</sub> )	.		
SVZ1800	Sulphite (LR)	(2 – 50 mg/l Na <sub>2</sub> SO <sub>3</sub> )	.		
SVZ1850	Sulphite (HR)	(10 – 500 mg/l Na <sub>2</sub> SO <sub>3</sub> )	.		
SVZ2700	Clean. Ac. Strength	(0.75 – 10.00 %)	.		
SVS2800	Permanganate Value*	0 → 30			.
SVT4000	Turbidity and Susp. Solids	--		.	

\*BOD Sewage 0 → 150 | BOD Effluent 0 → 45 | COD Sewage 0 → 300 | COD Effluent 0 → 210 | TOC Sewage 0 → 90 | TOC Effluent 0 → 6



# BALANCED WATER KITS

PERFECT MATCHING  
COMBINATION OF THE COMPA-  
RATOR METHOD AND MINI-KITS

COMPARATOR METHOD

TABLET COUNT METHOD

TURBIDITY METHOD



- MARINE
- BOILER WATER
- COOLING WATER
- POOLS

Balanced Water Kits are a perfect matching combination of the Comparator method and Mini-Kits, such as the tablet count method and the turbidity method, covering many important water parameters in one kit.

Water-i.d.® offers kit combinations such as:  
 Comparator: pH, Chlorine (free|combined|total)  
 Tablet count: Total Alkalinity, Calcium Hardness  
 Turbidity: Cyanuric Acid

Each Water-i.d.® Balanced-Water kit is supplied in a grey plastic case with foam insert, 1x Comparator device, 2x Comparator cells, 2x 100ml plastic cans for mixing and dilution, stirring rod, cleaning brush, 10ml syringe (BWK145-11 only). Also reagents for at least 30 tests pH, chlorine or bromine and 100 tablets each for the counting method and turbidity method (Alkalinity, Calcium Hardness, Cyanuric Acid) are included..



Item-Code	Product Description	Measurement-range
BWK145	Balanced Water Kit. Kit to determine: · pH (Comparator Method) · Chlorine (free   combined   total) (Comparator Method) · Total Alkalinity (Tablet Count Method) · Calcium Hardness (Tablet Count Method)	pH (6.5 – 8.4) Chlorine (0.0 – 5.0 ppm) Total Alkalinity (10 – 500 ppm CaCO <sub>3</sub> ) Calcium Hardness (10 – 500 ppm CaCO <sub>3</sub> )
BWK145-11	Balanced Water Kit. Kit to determine: · pH (Comparator Method) · Chlorine (free   combined   total) (Comparator Method) · Total Alkalinity (Tablet Count Method) · Calcium Hardness (Tablet Count Method) · Cyanuric Acid (Turbidity Method)	pH (6.5 – 8.4) Chlorine (0.0 – 5.0 ppm) Total Alkalinity (10 – 500 ppm CaCO <sub>3</sub> ) Calcium Hardness (10 – 500 ppm CaCO <sub>3</sub> ) Cyanuric Acid (20 – 200 ppm)
BWK845	Balanced Water Kit. Kit to determine: · pH (Comparator Method) · Bromine (total) (Comparator Method) · Total Alkalinity (Tablet Count Method) · Calcium Hardness (Tablet Count Method)	pH (6.5 – 8.4) Bromine (0.0 – 10.0 ppm) Total Alkalinity (10 – 500 ppm CaCO <sub>3</sub> ) Calcium Hardness (10 – 500 ppm CaCO <sub>3</sub> )
BWK845-11	Balanced Water Kit. Kit to determine: · pH (Comparator Method) · Bromine (total) (Comparator Method) · Total Alkalinity (Tablet Count Method) · Calcium Hardness (Tablet Count Method) · Cyanuric Acid (Turbidity Method)	pH (6.5 – 8.4) Bromine (0.0 – 10.0 ppm) Total Alkalinity (10 – 500 ppm CaCO <sub>3</sub> ) Calcium Hardness (10 – 500 ppm CaCO <sub>3</sub> ) Cyanuric Acid (20 – 200 ppm)