

Comparator 2000+

The system for colorimetric water analysis



Comparator 2000+

With its accessories, the AQUALYTIC® Comparator 2000+ is an extremely versatile, modular system for testing water. It is simple to use yet is uncompromising in terms of precision and reproducibility of results. It is compact and portable. The integrated prism brings the glass standards of the test discs and the coloured sample into the same field of view.

Test discs

The required accuracy of results is only ensured if stable, fade-free colour standards are used.

Glass colour standards are fade-free, resistant to chemicals and scratchproof. AQUALYTIC® standards are made from coloured glass filters. They comply with international standards, e.g. ISO 7393/2.

Please see the table on page 110 for information on the various test discs or refer to our **L 213 test disc catalogue**.

Lighting unit

We recommend the use of the battery-operated AQUALYTIC® lighting unit in variable lighting conditions. This guarantees uniform lighting conditions, and ensures greater test accuracy.

Cells

We manufacture precision plastic and optical glass cells in line with the highest quality standards. The cells ensure high precision and reproducibility of results.

Highlights

- More than 400 different test discs are available
- Compensation for coloured and turbid samples
- Guaranteed constancy of the coloured glass standards
- Integrated prism



Comparator 2000+



Test disc with colour-stable glass standards



Tablet reagents in foil blister strip (BT)



Nessleriser 2150 and Comparator with lighting unit

Applications

- Water Treatment (e.g. Drinking Water)
- Pool-Water
- Research Centres
- Universities
- Special Applications
- Laboratory and Field Testing

Comparator 2000+

Test Kits – Complete kits for water analysis

Scope of delivery for standard kits

Comparator test kits are supplied as a complete system in a sturdy plastic case. Together with the Comparator 2000+ and test discs, each kit includes all the necessary cells, accessories and AQUALYTIC® tablet reagents (for 100 measurements) to achieve reliable results.

The table to the right shows a selection of the most popular standard test kits.

Customised equipment

In addition to supplying standard test kits, we can construct customised kits to suit individual requirements.

Based on the desired test parameters and measuring ranges we will draw up a detailed offer to suit your application.

Combi Test Kits

Type	Designation/Combi	Test	Range*	Code
AF 270	Mini Lab Pool Water	Aluminium	0 - 0.5 mg/l Al	412700
		Ammonia	0 - 0.4 mg/l N	
		Chlorine	0.1 - 1.0 mg/l Cl ₂	
			1.0 - 4.0 mg/l Cl ₂	
		Chloride	5 - 5000 mg/l Cl	
		Cyanuric acid	0 - 80 mg/l	
		Iron	0.1 - 1.0 mg/l Fe	
		pH-value	5.2 - 6.8 pH	
			6.8 - 8.4 pH	
			Total Alkalinity	
	Sulphate	40 - 4000 mg/l SO ₄		
AF 357	Drinking Water	Chloride (salinity)	0 - 5000 mg/l Cl	413570
		Chlorine	0.02 - 0.3 mg/l Cl ₂	
			0.2 - 4 mg/l Cl ₂	
		Hardness Total	0 - 500 mg/l CaCO ₃	
		Fluoride	0 - 1.6 mg/l F	
		Hazen Colour	10 - 90 mg/l Pt	
		pH-value	6 - 8.4 pH	
AF 358	Sewage and Domestic Effluents	Ammonia	0 - 1 mg/l N	413580
		Chlorine	0.1 - 1 mg/l Cl ₂	
			1 - 10 mg/l Cl ₂	
		Nitrite	0.05 - 0.5 mg/l N	
		Permanganate (BOD)	0 - 60 mg/l	
		pH-value	4 - 8 ; 8 - 9.6 pH	
		Sulphide	0 - 0.5 mg/l S	
AF 368	Mini Lab Heavy Metals	Chromium	10 - 100 µg Cr	413680
		Copper	2.5 - 50 µg Cu	
		Cyanide	0.05 - 1 mg/l Cn	
		Nickel	1 - 10 mg/l Ni	
		Zinc	0 - 50 µg Zn	

* Disc readings see following pages

Optional accessory

All test kit versions allow integration of the battery-operated portable lighting unit TK 102 and charger TK 102/ 1.

Operating instructions

The operating instructions provide a step-by-step explanation of how to conduct the water test, ensuring that even "non-chemists" can achieve reliable and accurate measurements in the minimum of time.

Single Test Kits

Type	Designation/Combi	Test	Range*	Code
AF 274	Amine	Amine	1 - 10 mg/l	412740
AF 112A	Chlorine free, comb. tot.	Chlorine	0.1 - 1 mg/l Cl ₂	411120
AF 112B	Chlorine free, comb. tot.	Chlorine	0.2 - 4 mg/l Cl ₂	411130
AF 112E	Chlorine free, comb. tot.	Chlorine	0.02 - 0.3 mg/l Cl ₂	411250
AF 112E/F	Chlorine free, comb. tot.	Chlorine Chlorine	0.02 - 0.3 mg/l Cl ₂ 0.2 - 0.8 mg/l Cl ₂	411126
AF 112J/J	Chlorine free, comb. tot.	Chlorine pH-value	0.1 - 2.0 mg/l Cl ₂ 6.8 - 8.4 pH	417246
AF 112N/T	Chlorine free, comb. tot.	Chlorine Chlorine	0.1 - 1.0 mg/l Cl ₂ 1.1 - 2.0 mg/l Cl ₂	410120
AF 112ED	Chlorine dioxide	Chlorine dioxide	0.04 - 0.57 mg/l ClO ₂	410001
AF 112 EF/ED	Chlorine dioxide	Chlorine dioxide	0.04 - 1.52 mg/l ClO ₂	410007
AF 116A	Chlorine, pH	Chlorine pH-value	0.1 - 1 mg/l Cl ₂ 6.8 - 8.4 pH	411140
AF 116B	Chlorine, pH	Chlorine pH-value	0.2 - 4 mg/l Cl ₂ 6.8 - 8.4 pH	411160
AF 118S	Chlorine, pH	Chlorine pH-value	0.1 - 4 mg/l Cl ₂ 5.2 - 8.4 pH	411181
AF 139	Sodium hypochlorite	Sodium hypochlorite	2 - 18 % NaOCl	411390
AF 129	Water Balance			411290

* Disc readings see following pages

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Tests | Discs | Reagents | Cells

Test	Disc	Disc Readings	Range	Code
Aluminium	3/127 A	0; 0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.4; 0.5 mg/l	0 - 0.5 mg/l	230205
Amine	5/58	1; 2; 3; 4; 5; 6; 7; 8; 10 mg/l	1.0 - 10 mg/l	235800
Amine	3/64	0; 0.25; 0.5; 1; 2 mg/l	0 - 2 mg/l	236400
Ammonia	3/112	0; 0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.35; 0.4 mg/l	0 - 0.4 mg/l NH ₄	230060
Ammonia	3/113	0; 0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.8; 1 mg/l	0 - 1.0 mg/l N	230070
Ammonia	3/125	0; 1; 2; 3; 4; 5; 6; 8; 10 mg/l	0 - 10 mg/l N	230180
Ammonia	NAA	1; 2; 3; 4; 5; 6; 8; 10 µg	1 - 10 µg NH ₃	283110
Ammonia	NAB	10; 12; 14; 16; 18; 20; 22; 24; 26 µg	10 - 26 µg NH ₃	283120
Ammonia	NAC	28; 32; 36; 40; 44; 48; 52; 56; 60 µg	28 - 60 µg NH ₃	283130
Ammonia	NAD	60; 65; 70; 75; 80; 85; 90; 95; 100 µg	60 - 100 µg NH ₃	283140
Bromine	3/53A	0.2; 0.4 ; 0.6; 0.8; 1; 1.2; 1.4; 1.6; 2 mg/l	0.2 - 2.0 mg/l	235310
Bromine	3/53B	1; 2; 3; 4; 5; 6; 7; 8; 10 mg/l	1.0 - 10 mg/l	235320
Bromine	3/53C	0.5; 1; 1.5; 2; 2.5; 3; 4; 5; 6 mg/l	0.5 - 6 mg/l	235330

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
ALUMINIUM No.1	100	4515460BT	13.5 mm cell, 10ml	354243
	250	4515461BT		
ALUMINIUM No.2	100	4515470BT		
	250	4515471BT		
Combi pack#	each 100	4517601BT		
ALUMINIUM No.1 / No.2	each 250	4517602BT		
AMINE	100	4511010	Extraction tube AF260	352600
	250	4511011		
Details on request			13.5 mm cell, 10ml	354243
AMMONIA No.1	100	4512580BT	40 mm cell W680/40	606890
	250	4512581BT		
AMMONIA No.2	100	4512590BT		
	250	4512591BT		
Combi pack#	each 100	4517611BT		
AMMONIA No.1 / No.2	each 250	4517612BT		
AMMONIA No.1/2			13.5 mm cell, 10ml	354243
AMMONIA No.1/2			5 mm cell W680	606790
NESSLER reagent	30 ml	465200	Nessler tubes 113 mm	353060
	100 ml	465201		
SEIGNETTE salt solution	100 ml	466101		
NESSLER reagent			Nessler tubes 113 mm	353060
SEIGNETTE salt solution				
NESSLER reagent			Nessler tubes 113 mm	353060
SEIGNETTE salt solution				
NESSLER reagent			Nessler tubes 113 mm	353060
SEIGNETTE salt solution				
DPD No.1	100	4511050BT	13.5 mm cell, 10ml	354243
	250	4511051BT		
	500	4511052BT		
DPD No.1			13.5 mm cell, 10ml	354243
DPD No.1			13.5 mm cell, 10ml	354243

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Test	Disc	Disc Readings	Range	Code
Chlorine free, combined, total	3/40E	0.02; 0.04 ; 0.06; 0.08; 0.1; 0.15; 0.2; 0.25; 0.3 mg/l	0.02 - 0.3 mg/l	234060
Chlorine free, comb., total		0.02; 0.04 ; 0.06; 0.08; 0.1; 0.2; 0.3; 0.4; 0.5 mg/l	0.02 - 0.5 mg/l	295920
Chlorine free, comb., total 3/40F		0.2; 0.25 ; 0.3; 0.35; 0.4; 0.5; 0.6; 0.7; 0.8 mg/l	0.2 - 0.8 mg/l	234070
Chlorine free, comb., total 3/40G		1.5; 1.8; 2.0; 2.3; 2.5; 2.7; 3.0; 3.2; 3.5 mg/l	1.5 - 3.5 mg/l	234030
Chlorine free, comb., total 3/40A		0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1 mg/l	0.1 - 1.0 mg/l	234010
Chlorine free, comb., total 3/40T		0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1 mg/l	0.1 - 1.0 mg/l	234110
Chlorine free, comb., total 3/40N		1.1; 1.2; 1.3; 1.4; 1.5; 1.6; 1.7; 1.8; 2 mg/l	1.1 - 2.0 mg/l	233960
Chlorine free, comb., total 3/40J		0.1; 0.2; 0.3; 0.4; 0.6; 0.8; 1; 1.5; 2 mg/l	0.1 - 2.0 mg/l	234140
Chlorine free, comb., total 3/40B		0.2; 0.4; 0.6; 1; 1.5; 2; 2.5; 3; 4 mg/l	0.2 - 4.0 mg/l	234020
Chlorine free, comb., total 3/40K		0.5; 1; 1.5; 2; 2.5; 3; 4; 5; 6 mg/l	0.5 - 6.0 mg/l	233930
Chlorine free, comb., total 3/40S		1; 1.2; 1.4; 1.6; 1.8; 2; 2.5; 3; 4 mg/l	1.0 - 4.0 mg/l	234090
Chlorine free, comb., total 3/40P		2; 2.3; 2.5; 2.7; 3; 3.2; 3.6; 4; 5 mg/l	2.0 - 5.0 mg/l	233920
Chlorine free, comb., total 3/40HN		2; 3; 4; 5; 6; 7; 8; 9; 10 mg/l	2.0 - 10 mg/l	234081
Chlorine free, comb., total 3/40CZ		0.5; 1; 1.5; 2; 4 mg/l Cl ₂ 7; 7.4; 7.6; 8 pH	0.5 - 4 mg/l Cl ₂ 7 - 8 pH	233990
Chlorine free, comb., total 3/2A		0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1 mg/l	0.1 - 1.0 mg/l	232010

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
DPD No.1	100	4511050BT	40 mm cell W680/40	606890
	250	4511051BT		
	500	4511052BT		
DPD No.2	100	4511530BT		
	250	4511531BT		
DPD No.3	100	4511080BT	40 mm cell W680/40	606890
	250	4511081BT		
	500	4511082BT		
Combi pack#	each 100	4517711BT		
DPD No.1 / No.3	each 250	4517712BT		
DPD No.4	100	4511220BT	40 mm cell W680/40	606890
	250	4511221BT		
	500	4511222BT		

DPD No.1/2/3/4 40 mm cell W680/40 606890

DPD No.1/2/3/4 40 mm cell W680/40 606890

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243

DPD No.1/2/3/4 25 mm cell W680/25
13.5 mm cell, 10ml 606860
354243

DPD No.1/2/3/4 25 mm cell W680/25
13.5 mm cell, 10ml 606860
354243

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243

DPD No.1/2/3/4 5 mm cell W680/5 606790

DPD No.1/2/3/4 13.5 mm cell, 10ml 354243
Phenol red tablets, see pH
determination 13.5 mm cell, 10ml 354243

Reagents at specialized chemistry
dealer 13.5 mm cell, 10ml 354243

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Test	Disc	Disc Readings	Range	Code
Chlorine free, comb., total 3/2AB		0.15; 0.25; 0.5; 0.75; 1; 1.25; 1.5; 1.75; 2 mg/l	0.15 - 2.0 mg/l	232020
Chlorine free, comb., total 3/2APC		1; 1.5; 2; 2.5; 3; 3.5; 4; 4.5; 5 mg/l	1.0 - 5.0 mg/l	232050
Chlorine HR total chlorine only	3/2APH	2; 3; 4; 5; 6; 7; 8; 9; 10 mg/l gesamt Cl ₂	2 - 10 mg/l	232060
Chlorine HR total chlorine only	3/2ARP	5; 10; 15; 20; 25; 30; 35; 40; 50 mg/l gesamt Cl ₂	5.0 - 50 mg/l	232070
Chlorine HR total chlorine only	3/2IOD	5; 10; 25; 50; 75; 100; 150; 200; 250 mg/l gesamt Cl ₂	5.0 - 250 mg/l	232090
Chlorine free, combined, total	NDPB	0.01; 0.02; 0.03; 0.04; 0.05; 0.06; 0.07; 0.08; 0.1 mg/l	0.01 - 0.1 mg/l	283450
Chlorine free, combined, total	NDPC	0.02; 0.04; 0.06; 0.08; 0.1; 0.12; 0.14; 0.16; 0.2 mg/l	0.02 - 0.2 mg/l	283460
Chlorine free, combined, total	NDP	0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.35; 0.4; 0.5 mg/l	0.05 - 0.5 mg/l	283440
Chlorine free, combined, total	NDPD	0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1 mg/l	0.1 - 1.0 mg/l	283470
Chlorine dioxide	3/40AD	0.19; 0.38; 0.57; 0.76; 0.95; 1.14; 1.33; 1.52; 1.9 mg/l	0.19 - 1.9 mg/l	292260
Chlorine dioxide	3/40ED	0.04; 0.08; 0.11; 0.15; 0.19; 0.28; 0.38; 0.48; 0.57 mg/l	0.04 - 0.57 mg/l	297970
Chlorine dioxide	3/40FD	0.38; 0.48; 0.57; 0.66; 0.76; 0.95; 1.14; 1.33; 1.52 mg/l	0.38 - 1.52 mg/l	298750

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
Reagents at specialized chemistry dealer			13.5 mm cell, 10ml	354243
Reagents at specialized chemistry dealer			5 mm cell W680/5	606790
CHLORINE HR (KI) ACIDIFYING GP	100 250	4513000BT 4513001BT	40 mm cell W680/40	606890
Combi pack# CHLORINE HR (KI)/ ACIDIFYING GP	100 250 each 100 each 250	4515480BT 4515481BT 4517721BT 4517722BT		
CHLORINE HR (KI) ACIDIFYING GP			13.5 mm cell, 10ml	354243
CHLORINE HR (KI) ACIDIFYING GP			13.5 mm cell, 10ml	354243
DPD No.1 NESSLERISER	100 250	4511230BT 4511231BT	Nessleriser 2150 Nessler tubes 113 mm	172150 353060
DPD No.2 NESSLERISER	100 250	4511240 4511241		
DPD No.3 NESSLERISER	100 250	4511250BT 4511251BT		
DPD No.4 NESSLERISER	100 250	4511260BT 4511261BT		
DPD No.1/2/3/4 NESSLERISER			Nessleriser 2150 Nessler tubes 113 mm	172150 353060
DPD No.1/2/3/4 NESSLERISER			Nessleriser 2150 Nessler tubes 113 mm	172150 353060
DPD No.1/2/3/4 NESSLERISER			Nessleriser 2150 Nessler tubes 113 mm	172150 353060
DPD No.1	100 250	4511050BT 4511051BT	13.5 mm cell, 10 ml	354243
DPD No.1			40 mm cell W680/40	606890
DPD No.1			40 mm cell W680/40	606890

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Test	Disc	Disc Readings	Range	Code
Chlorine dioxide	3/157	0.25; 0.5; 0.75; 1; 1.25; 1.5; 2; 3; 5 mg/l	0.25 - 5.0 mg/l	230570
Chromium	3/59	10; 20; 30; 40; 50; 60; 70; 80; 100 µg	10 - 100 µg	235900
Copper	3/106	0; 0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.8; 1 mg/l	0 - 1.0 mg/l	230050
Copper	3/110	0; 0.5; 1; 1.5; 2; 2.5; 3; 3.5; 4 mg/l	0 - 4.0 mg/l	230040
DEHA	3/150	8; 16; 24; 32; 40; 48; 56; 64; 80 µg/l Disc reading should be multiplied by 2 for true DEHA concentration	16 - 160 µg	230460
Fluoride	NOM	0; 0.2; 0.4; 0.6; 0.8; 1; 1.2; 1.4; 1.6 mg/l	0 - 1.6 mg/l	283730
Hardness, total	4/38	0; 5; 10; 15; 20; 25; 30; 40; 60 mg/l	0 - 60 mg/l CaCO ₃	231070
Hazen/APHA	4/28	50; 75; 100; 150; 200; 250; 300; 400; 500 mg Pt/l	50 - 500 mg/l Pt	242801
Hazen/APHA	NSH	10; 20; 30; 40; 50; 60; 70; 80; 90 mg Pt/l	10 - 90 mg/l Pt	284170
Hazen/APHA	NSB	70; 85; 100; 125; 150; 175; 200; 225; 250 mg Pt/l	70 - 250 mg/l Pt	284120
Hazen/APHA	CAA	0; 2.5; 5; 7.5; 10; 15; 20; 25; 30 mg Pt/l	0 - 30 mg/l Pt	284150
Hazen/APHA	CAB	30; 35; 40; 45; 50; 55; 60; 65; 70 mg Pt/l	30 - 70 mg/l Pt	284160
Hydrazine	3/126	0; 0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.4; 0.5 mg/l	0 - 0.5 mg/l	230190
Hydrazine	3/135	0.02; 0.04; 0.06; 0.08; 0.1; 0.12; 0.14; 0.16; 0.2 mg/l	0.02 - 0.2 mg/l	230290
Hydrazine	3/85	0; 0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.8; 1 mg/l	0 - 1.0 mg/l	238500

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
CHLORINE HR (KI)	100	4513000BT	40 mm cell W680/40	606890
	250	4513001BT		
ACIDIFYING GP	100	4515480BT		
	250	4515481BT		
Combi pack#	each 100	4517721BT		
CHLORINE HR (KI)/	each 250	4517722BT		
ACIDIFYING GP				
Details on request			13.5 mm cell, 10 ml	354243
COPPER/ZINC LR	100	4512620BT	13.5 mm cell, 10 ml	354243
	250	4512621BT		
COPPER/ZINC HR	100	4512340BT	13.5 mm cell, 10 ml	354243
	250	4512341BT		
DEHA	100	4513220BT	40 mm cell W680/40	606890
	250	4513221BT		
DEHA solution	100 ml	461181		
FLUORIDE A-Z	100	4511400	Nessleriser 2150	172150
	250	4511401		
FLUORIDE EXCESS AL	100	4511410	Nessler tubes 113 mm	353060
	250	4511411		
ERIOCHROME HARDNESS powder	100 Tests	462950	13.5 mm cell, 10 ml	354243
Straight colour match to sample			40 mm cell W680/40	606890
Straight colour match to sample			Nessleriser 2150	172150
			Nessler tubes 113 mm	353060
Straight colour match to sample			Nessleriser 2150	172150
			Nessler tubes 113 mm	353060
Straight colour match to sample			Nessleriser 2250	172250
			Nessler tubes 250 mm	354200
Straight colour match to sample			Nessleriser 2250	172250
			Nessler tubes 250 mm	354200
HYDRAZINE TEST powder	30 g	462910	13.5 mm cell, 10 ml	354243
HYDRAZINE TEST powder	30 g	462910	40 mm cell W680/40	606890
p-DMAB reagent	100 ml	461261	13.5 mm cell, 10 ml	354243

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Test	Disc	Disc Readings	Range	Code
Hydrazine	NOH	0; 0.5; 1; 2; 3; 4; 6; 8; 10 µg	0 - 10 µg/l	283700
Hydrogen peroxide	3/50 A	0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.35; 0.4; 0.5 mg/l	0.05 - 0.5 mg/l	235000
Hydrogen peroxide	3/50 B	0.1; 0.2; 0.3; 0.4; 0.6; 1; 1.5; 2; 3 mg/l	0.1 - 3 mg/l	235010
Hydrogen peroxide	3/50 E	0.01; 0.02; 0.03; 0.04; 0.05; 0.07; 0.09; 0.12; 0.15 mg/l	0.01 - 0.15 mg/l	235020
Iodine	3/77A	0.4; 0.7; 1.1; 1.4; 1.8; 2.2; 2.5; 2.9; 3.6 mg/l	0.4 - 3.6 mg/l	237710
Iodine	3/77B	0.7; 1.4; 2.2; 3.6; 5.4; 7.2; 9.0; 11; 14 mg/l	0.7 - 14 mg/l	237720
Iron, total	3/144	0.02; 0.04; 0.06; 0.08; 0.1; 0.15; 0.2; 0.25; 0.3 mg/l	0.02 - 0.3 mg/l	230380
Iron, total	3/116	0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1 mg/l	0.1 - 1.0 mg/l	230100
Iron, total	3/117	1; 2; 3; 4; 5; 6; 7; 8; 10 mg/l	1.0 - 10 mg/l	230110
Iron, total	NOL	0.01; 0.02; 0.03; 0.04; 0.05; 0.06; 0.07; 0.08; 0.10 mg/l	0.01 - 0.1 mg/l	283720
Manganese	3/169	0; 0.5; 1; 1.5; 2; 2.5; 3; 3.5; 4 mg/l	0 - 4.0 mg/l	230690
Molybdate	3/162	0; 1; 2; 3; 4; 5; 6; 8; 10 mg/l	0 - 10 mg/l MoO ₄	230620
Molybdate	3/137	5; 10; 15; 20; 25; 30; 35; 40; 50 mg/l	5.0 - 50 mg/l MoO ₄	230320
Molybdate	3/138	10; 20; 30; 40; 60; 80; 100; 120; 150 mg/l	10 - 150 mg/l MoO ₄	230330

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
p-DMAB reagent	100 ml	461261	Nessler tubes 113 mm	353060
HYDR. PEROXIDE LR	100 250	4512380BT 4512381BT	13.5 mm cell, 10ml	354243
HYDR. PEROXIDE LR			13.5 mm cell, 10ml	354243
HYDR. PEROXIDE LR			40 mm cell W680/40	606890
DPD No.1	100 250	4511050BT 4511051BT	13.5 mm cell, 10 ml	354243
DPD No.1			13.5 mm cell, 10 ml	354243
IRON LR (Fe ²⁺ and Fe ³⁺)	100 250	4515370BT 4515371BT	40 mm cell W680/40	606890
IRON LR (Fe ²⁺ and Fe ³⁺)	100 250	4515370BT 4515371BT	13.5 mm cell, 10 ml	354243
IRON (II) LR (Fe ²⁺)	100	4515420BT		
IRON HR	100 250	4515380 4515381	13.5 mm cell, 10 ml	354243
IRON LR + IRON (II) LR			Nessleriser 2150 Nessler tubes 113 mm	172150 353060
MANGANESE LR 1	100 250	4516080BT 4516081BT	13.5 mm cell, 10 ml	354243
MANGANESE LR 2	100 250	4516090BT 4516091BT		
Combi pack# MANGANESE LR 1/ MANGANESE LR 2	each 100 each 250	4517621BT 4517622BT		
Details on request			40 mm cell W680/40	606890
MOLYBDATE No.1 HR	100 250	4513060BT 4513061BT	40 mm cell W680/40	606890
MOLYBDATE No.2 HR	100 250	4513070BT 4513071BT		
Combi pack# MOLYBDATE No.1 HR / MOLYBDATE No.2 HR	each 100 each 250	4517631BT 4517632BT		
MOLYBDATE No.1 HR MOLYBDATE No.2 HR			13.5 mm cell, 10 ml	354243

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Tests | Discs | Reagents | Cells

Test	Disc	Disc Readings	Range	Code
Nitrate	3/124	0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1 mg/l	0.1 - 1.0 mg/l NO ₃	230170
Nitrate	3/142	10; 20; 30; 40; 50; 60; 70; 80; 100 mg/l	10 - 100 mg/l NO ₃	230360
Nitrite	3/103	0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.35; 0.4; 0.5 mg/l	0.05 - 0.5 mg/l N	230030
Nitrite	NJP	0.002; 0.004; 0.006; 0.01; 0.015; 0.02; 0.03; 0.04; 0.05 mg/l	0.002 - 0.05 mg/l N	283960
Nitrite	NJ	0.05; 0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.8; 1 µg/l	0.05 - 1.0 µg/l N	283580
Oxygen	3/165	2; 3; 4; 5; 6; 7; 8; 10; 12 mg/l	2.0 - 12 mg/l	230650
Oxygen	NOE	0; 0.005; 0.01; 0.015; 0.03; 0.055; 0.08; 0.1; 0.12 mg/l	0 - 0.12 mg/l	283680
Ozone	3/67	0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1 mg/l	0.1 - 1.0 mg/l	236700
Ozone	3/67A	0.01; 0.02; 0.03; 0.04; 0.05; 0.06; 0.07; 0.08; 0.1 mg/l	0.01 - 0.1 mg/l	236710
Ozone	3/67S	0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.35; 0.4; 0.45 mg/l	0.05 - 0.45 mg/l	236770
Ozone	3/148	0; 0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.4; 0.5 mg/l	0 - 0.5 mg/l	230440
pH	2/1A	1.2; 1.4; 1.6; 1.8; 2.0; 2.2; 2.4; 2.6; 2.8	1.2 - 2.8 pH	221010
pH	2/1B	2.8; 3; 3.2; 3.4; 3.6; 3.8; 4; 4.2; 4.4	2.8 - 4.4 pH	221030
pH	2/1C	3.6; 3.8; 4; 4.2; 4.4; 4.6; 4.8; 5; 5.2	3.6 - 5.2 pH	221050

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
NITRATE-TEST tablets	100 (bottle)	502810	13.5 mm cell, 10 ml	354243
NITRATE Test powder	15 g	465230	Nitrat-Test tubes	366220
NITRITE LR	100	4512310BT		
	250	4512311BT		
NITRATE No.1	100	4513110	13.5 mm cell, 10 ml	354243
	250	4513111		
NITRATE No.2	100	4513120		
	250	4513121		
Combi pack#	each 100	4517641		
Nitrate No.1 / No.2	each 250	4517642		
NITRITE LR	100	4512310BT	13.5 mm cell, 10 ml	354243
	250	4512311BT		
NITRITE LR	100	4512310BT	Nessler tubes 113 mm	353060
	250	4512311BT		
NITRITE ACIDIFYING	250 (bottle)	502371		
Details on request			Nessler tubes 113 mm	353060
DO reagent No.1	100 Tests	461150	13.5 mm cell, 10 ml	354243
DO reagent No.2	100 Tests	461160		
DO reagent No.3	90 Tests	461170		
INDIGO CARMINE	50 (bottle)	501510	Nessleriser 2150 special tubes AF315	172150 353150
DPD No.4	100	4511220BT	13.5 mm cell, 10 ml	354243
	250	4511221BT		
DPD No.4	100	4511220BT	40 mm cell W680/40	606890
	250	4511221BT		
DPD No.4	100	4511220BT	13.5 mm cell, 10 ml	354243
	250	4511221BT		
OZONE-INDIGO	100	4513170BT	40 mm cell W680/40	606890
	250	4513171BT		
THYMOL BLUE	100	4511650	13.5 mm cell, 10 ml	354243
	250	4511651		
BROMOPHENOL BLUE	100	4511620	13.5 mm cell, 10 ml	354243
	250	4511621		
BROMOCRESOL GREEN	100	4511760	13.5 mm cell, 10 ml	354243
	250	4511761		

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Test	Disc	Disc Readings	Range	Code
pH	2/1E	4.4; 4.6; 4.8; 5; 5.2; 5.4; 5.6; 5.8; 6	4.4 - 6.0 pH	221080
pH	2/1G	5.2; 5.4; 5.6; 5.8; 6; 6.2; 6.4; 6.6; 6.8	5.2 - 6.8 pH	221100
pH	2/1H	6; 6.2; 6.4; 6.6; 6.8; 7; 7.2; 7.4; 7.6	6.0 - 7.6 pH	221110
pH	2/1J	6.8; 7; 7.2; 7.4; 7.6; 7.8; 8; 8.2; 8.4	6.8 - 8.4 pH	221130
pH	2/1K	7.2; 7.4; 7.6; 7.8; 8; 8.2; 8.4; 8.6; 8.8	7.2 - 8.8 pH	221140
pH	2/1L	8; 8.2; 8.4; 8.6; 8.8; 9; 9.2; 9.4; 9.6	8.0 - 9.6 pH	221190
pH	2/1P	4; 5; 6; 7; 8; 9; 9.4; 10; 11	4.0 - 11 pH	221220
pH	NLC	6; 6.2; 6.4; 6.6; 6.8; 7; 7.2; 7.4; 7.6	6.0 - 7.6 pH	281030
pH	NLF	8; 8.2; 8.4; 8.6; 8.8; 9; 9.2; 9.4; 9.6	8.0 - 9.6 pH	281060
Phosphate	3/133	0; 0.25; 0.5; 1; 1.5; 2; 2.5; 3; 4 mg/l	0 - 4.0 mg/l PO ₄	230270
Phosphate	3/136	0; 5; 10; 15; 20; 25; 30; 35; 40 mg/l	0 - 40 mg/l PO ₄	230310
Phosphate	3/12	0; 10; 20; 30; 40; 50; 60; 70; 80 mg/l	0 - 80 mg/l PO ₄	231200
Phosphate	3/70	0; 10; 20; 30; 40; 50; 60; 70; 80; 100 mg/l	0 - 100 mg/l PO ₄	237000

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
METHYL RED	100 ml	451631	13.5 mm cell, 10 ml	354243
BROMOCRESOL PURPLE	100 250	4511730 4511731	13.5 mm cell, 10 ml	354243
BROMOTHYMOL BLUE	100 250	4511640BT 4511641BT	13.5 mm cell, 10 ml	354243
PHENOL RED	100 250	4511750BT 4511751BT	13.5 mm cell, 10 ml	354243
CRESOL RED	100 250	4511600 4511601	13.5 mm cell, 10 ml	354243
THYMOL BLUE	100 250	4511650 4511651	13.5 mm cell, 10 ml	354243
UNIVERSAL PH Indicator	25 ml 100 ml 250 ml 500 ml	451770 451771 451772 451773	13.5 mm cell, 10 ml	354243
BROMOTHYMOL BLUE PH Indicator	25 ml 100 ml 250 ml 500 ml	451620 451621 451622 451623	Nessler tubes 113 mm	353060
THYMOL BLUE PH Indicator	25 ml 100 ml 250 ml 500 ml	451650 451651 451652 451653	Nessler tubes 113 mm	353060
PHOSPHATE No.1 LR PHOSPHATE No.2 LR Combi pack# PHOSPHATE No.1 LR / No.2 LR	100 100 each 100	4513040 4513050BT 4517651BT	13.5 mm cell, 10 ml	354243
PHOSPHATE HR	100 250	4511980 4511981	13.5 mm cell, 10 ml	354243
Details on request			13.5 mm cell, 10 ml	354243
PHOSPHATE HR	100 250	4511980 4511981	13.5 mm cell, 10 ml	354243

Comparator 2000+

Tests | Discs | Reagents | Cells

Test	Disc	Disc Readings	Range	Code
Phosphate	3/60	10; 20; 30; 40; 50; 60; 70; 80; 100 mg/l	10 - 100 mg/l PO ₄	236000
Phosphate	NMD	10; 20; 30; 40; 50; 60; 70; 80; 100 µg/l	10 - 100 µg/l PO ₄	283950
QAC (Quaternary Ammonia Compounds)	3/118	0; 2; 4; 6; 8; 10; 12; 15; 20 mg/l	0 - 20 mg/l	230120
QAC (Quaternary Ammonia Compounds)	3/119	0; 20; 40; 60; 80; 100; 120; 150; 200 mg/l	0 - 200 mg/l	230130
Silica	3/139	0.4; 0.6; 1; 1.5; 2; 2.5; 3; 3.5; 4 mg/l	0.4 - 4.0 mg/l SiO ₂	230340
Silica	3/147	1; 2; 3; 4; 5; 6; 7; 8; 10 mg/l	1.0 - 10 mg/l SiO ₂	230420
Silica	3/140	0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 1.0 mg/l	0.1 - 1.0 mg/l SiO ₂	230250
Silica	3/13	2.5; 5; 7.5; 10; 12.5; 15; 17.5; 20; 25 mg/l	2.5 - 25 mg/l SiO ₂	231300
Silica	NN	1; 2; 4; 6; 8; 10; 12; 16; 20 mg/l	1.0 - 20 mg/l SiO ₂	283630
Silica	NV	0.2; 0.3; 0.4; 0.5; 0.6; 0.7; 0.8; 0.9; 1.0 mg/l	0.2 - 1.0 mg/l SiO ₂	283880
Sodiumhypochlorite	3/2 Hypo	2; 4; 6; 8; 10; 12; 14; 16 %	2 - 16 %	232110
Sugar	3/29A	0; 5; 10; 15; 30; 45; 60; 75; 100 mg/l	0 - 100 mg/l	232910
Sulphide	3/128	0; 0.05; 0.1; 0.15; 0.2; 0.25; 0.3; 0.4; 0.5 mg/l	0 - 0.5 mg/l S	230210
Zinc	3/151	0; 0.1; 0.2; 0.3; 0.4; 0.5; 0.6; 0.8; 1 mg/l	0 - 1.0 mg/l	230470
Zinc	3/102	0; 0.5; 1; 1.5; 2; 2.5; 3; 3.5; 4 mg/l	0 - 4.0 mg/l	230020

Material safety data sheets: www.aqualytic.de, # including stirring rod, 10 cm

Reagents	Quantity	Code	Accessories	Code
Vanadomolybdate reagent	1 litre	468404	13.5 mm cell, 10 ml	354243
Details on request			Nessler tubes 113 mm	353060
QAC LR	100 250	4515390BT 4515391BT	40 mm cell W680/40	606890
QAC HR	100 250	4515400 4515401	13.5 mm cell, 10 ml	354243
SILICA No.1	100 250	4513130 4513131	13.5 mm cell, 10 ml	354243
SILICA No.2	100 250	4513140 4513141		
Combi pack# SILICA No.1 / No.2	each 100 each 200	4517671 4517672		
SILICA No.1/No.2			13.5 mm cell, 10 ml	354243
Details on request			40 mm cell W680/40	606890
Ammonia molybdate	100 ml	460241	40 mm cell W680/40	606890
Ammonia molybdate	100 ml	460241	Nessleriser 2150 Nessler tubes 113 mm	172150 353060
Details on request			Nessler tubes 113 mm	353060
CHLORINE HR (KI) ACIDIFYING GP	100 250 100 250	4513000BT 4513001BT 4515480BT 4515481BT	13.5 mm cell, 10 ml	354243
Combi pack# CHLORINE HR (KI)/ ACIDIFYING GP	each 100 each 250	4517721BT 4517722BT		
Details on request			5 mm cell W680/5	606790
SULPHIDE No.1 SULPHIDE No.2	100 (bottle) 100 (bottle)	502930 502940	13.5 mm cell, 10 ml	354243
COPPER/ZINC LR COPPER/ZINC LR	100 250	4512620BT 4512621BT	13.5 mm cell, 10 ml	354243
COPPER/ZINC HR COPPER/ZINC HR	100 250	4512340 4512341	13.5 mm cell, 10 ml	354243