





Instrument Test Kits

Instrument test kits are based on the DR900 Multiparameter Handheld Colorimeter or DR1900 Portable Spectrophotometer. Select kits include the Hach digital titrator, PocketPro pH Tester, and/or HQ40d meter (dissolved oxygen, conductivity, ORP, pH). Instrument kits are useful for multiple applications, including drinking water, wastewater, and industrial applications such as boiler and cooler. Hach also carries application-specific instrument test kits, such as the fracing kit - specifically designed for frac water testing applications, including microbiological screening. Instrument test kits include reagents, required apparatus and glassware, and instrument - all in a rugged Hach carrying case.

Part Number	Name	Application	Platform	Secondary Platform	SGD Price
2886800	Hach Eclox Rapid Response Water Test Kit				
251231	CEL Water Conditioning Laboratory	Water Conditioning		Pocket Pro	
251232	CEL Environmental Water Quality Laboratory	Water Quality		Digital Titrator	
251233	CEL Complete Aquaculture Laboratory	Aquaculture		HQ40d	
251234	CEL Basic Drinking Water Laboratory	Drinking Water		HQ40d	
251235	CEL Advanced Drinking Water Laboratory	Drinking Water		HQ40d	
251236	CEL Basic Wastewater Lab	Wastewater		Pocket Pro	
251237	CEL Advanced Wastewater Laboratory	Wastewater		HQ40d	
251238	CEL Professional Water Treatment Laboratory	Water Treatment		HQ40d	
251239	CEL Advanced Portable Laboratory	Portable Lab		HQ40d	
2994000	CEL Hydraulic Fracturing Water Analysis Kit	Fracing		Digital Titrator	
2922401	DREL Complete Water Quality Lab				
2922501	DREL Industrial Water Quality Lab				

Part Number	Name	Application	Platform	Secondary Platform	SGD Price
2922601	DREL Complete Water Quality Lab w/ Meter				







Multi-Parameter Kits

Hach's multi-parameter kits test for the parameters you need - no more, no less. Each kit comes complete with reagents, instructions, and a rugged Hach carrying case. Kits range from a few essential parameters (chlorine & pH) to many for a specific application, such as the Soil and Irrigation Water Test Kit (SIW-1).

Multi-parameter kits use several of Hach's platforms, such as the digital titrator, color disc, drop count titration and test strip platforms for simplicity and accuracy. Applications include drinking water, soil testing, water quality, boiler water, education, ecology, surface water, stream survey, and more.

Part Number	Name	Platform	Application	Platform	SGD Price
2350500	Complete Boiler and Cooling Water Test Kit, Model BC-3	Color Disc	Boiler Water	Color Disc	
1870000	Soil Saturation Extract Test Kit		Soil Saturation		
2495900	Soil Fertility Test Kit, Model NPK-1	Color Disc	Soil Fertility	Color Disc	
2496000	Soil and Irrigation Water Test Kit, Model SIW-1	Color Disc	Soil & Irrigation	Color Disc	
1411100	Chlorine (Free & Total) and pH Test Kit, Model CN-67	Color Disc	Pool and Spa	Color Disc	
185102	Cyanuric Acid Test Kit, Model CY-3		Pool and Spa		
2315001	Pool Master Test Kit	Color Disc	Pool and Spa	Color Disc	
143801	Carbon Dioxide, Dissolved Oxygen, and pH Test Kit, Model CA-10WR	Color Disc	Ecology	Color Disc	
180202	Combined Ecology Test Kit, Model AL-36B	Color Disc	Ecology	Color Disc	
2063800	Water Ecology Test Kit, Model AL-36DT	Color Disc	Ecology	Color Disc	
148410	Deluxe Water Conditioning Demonstration Test Kit, Model AD-16E	Color Disc	Demonstration	Color Disc	
183700	Hardness, Iron, and pH Test Kit, Model HA-62	Color Disc	Water Quality	Color Disc	
183701	Hardness, Iron, and pH Test Kit, Model HA-62A	Color Disc	Water Quality	Color Disc	

Part Number	Name	Platform	Application	Platform	SGD Price
183702	Hardness, Iron, and pH Test Kit, Model HA-62B	Color Disc	Water Quality	Color Disc	
223002	Chlorine, Hardness, Iron, and pH Test Kit, Model CN-39WR	Color Disc	Water Quality	Color Disc	
146300	Iron and Manganese Color Disc Test Kit, Model IR-20	Color Disc	Water Quality	Color Disc	
202300	Hardness and Iron Color Disc Test Kit, Model HA-77	Color Disc	Water Quality	Color Disc	
2481300	Storm Water Test Kit, Model SW-1	Color Disc	Stormwater	Color Disc	
2495700	Corrosion Management Test Kit, Model CM-1	Color Disc	Corrosion Management	Color Disc	
2559800	Surface Water Test Kit	Color Disc	Surface Water	Color Disc	
256200	Iron and pH Color Disc Test Kit, Model IR-23	Color Disc	Water Quality	Color Disc	
2527900	Boron High Range Starter Set		Boron Testing		
188703	Wastewater Treatment Plant Laboratory, Model STPL-WRT	Color Disc	Wastewater	Color Disc	
2882200	Nitrification Control Test Kit		Nitrification		
2350700	Professional Boiler Treatment/Boiler Feed and Cooling Water Test Kit, Model PBC-DT	Digital Titrator	Boiler Water	Digital Titrator	
222403	General Boiler Water Test Kit, Model AL-94 MG-L, Drop Count Titration	Color Disc	Boiler Water	Color Disc	
2350300	Boiler Feed and Scale Test Kit, Model BSC-1, Drop Count Titration	Drop Count Titrator	Boiler Water	Drop Count Titrator	
2350400	Boiler Treatment Control Test Kit, Model BTC-2, Drop Count Titration	Color Disc	Boiler Water	Color Disc	
2350600	Professional Boiler Treatment/Boiler Feed Test Kit, Model BT-DT	Digital Titrator	Boiler Water	Digital Titrator	

Part Number	Name	Platform	Application	Platform	SGD Price
243002	Nine-Parameter Test Kit, Model FF-1A	Color Disc	Aquaculture	Color Disc	,
243001	Ten-Parameter Test Kit, Model FF-2	Digital Titrator	Aquaculture	Digital Titrator	
243003	Saltwater Aquaculture Test Kit, Model FF-3	Digital Titrator	Aquaculture	Digital Titrator	
180233	Education Test Kit, Water Ecology	Color Disc	Ecology	Color Disc	
2559833	Surface Water Test Kit	Color Disc	Surface Water	Color Disc	
2712000	Stream Survey Test Kit	Color Disc	Stream Survey	Color Disc	
2764300	Just Add Water Education Kit, Drinking Water	Test Strip	Education	Test Strip	
2787700	Just Add Water Education Kit, Pond and Stream	Test Strip	Education	Test Strip	







Color Disc Test Kits

Colour discs use a visual comparison method (colour matching) to determine concentration. Simply add reagents to the sample, turn the wheel until the sample matches a reference colour - concentration is displayed in a window.

Each Hach colour disc test kit includes apparatus, reagents, and instructions - all in a rugged carrying case. Available parameters include Chlorine, pH, Iron, Silica, Nitrogen and more.

Part Number	Platform	Range 2	Range	Parameter	SGD Price
223102	Color Disc		0 to 3.4 mg/L CI#	Chlorine, low range - as free Cl ₂	
146400	Color Disc		0 to 4 mg/L Fe	Iron, medium range - as Fe	
223101	Color Disc		0 to 3.4 mg/L CI# CI#	Chlorine, low range - as free & total Cl ₂	
1455400	Color Disc	0 to 600 mg/L SiO ₂	0 to 30 mg/L SiO ₂	Silica, high range - as SiO ₂	
223801	Color Disc	0.05 to 2.0 mg/L S ²⁻	0 to 0.56 mg/L S ²⁻	Hydrogen Sulfide - as S^{2-}	
2350800	Color Disc		0 to 0.70 mg/L Mn	Manganese - As Mn	
2667200	Color Disc		0.2 to 7 mg/L Fe ²⁺	Iron, medium range - As Fe2+ (ferrous iron)	
1454200	Color Disc	0 to 3.4 mg/L CI#	0.02 to 0.68 mg/L CI#	Chlorine, low range - as free & total Cl ₂	
223103	Color Disc		0 to 3.4 mg/L Cl# Cl ₂	Chlorine, low range - as total Cl ₂	
2515050			0 to 15 mg/L O ₂	Dissolved Oxygen - As DO	
225001		0 to 4	0 to 0.8	Phosphate, total ortho-/meta As PO ₄ ³⁻	
147006	Color Disc		5.6 to 8.4 pH	pH, mid range	
147008			6.6 to 8.4 pH	pH, mid range	
147009	Color Disc		7.4 to 9.6 pH	pH, mid range	
147011	Color Disc		4 to 10 pH	pH, wide range	
224800	Color Disc	0 to 4 mg/L PO ₄	0 to 0.8 mg/L PO ₄	Phosphorus, Orthophosphate (Reactive) - as PO ₄ ³⁻	

Part Number	Platform	Range 2	Range	Parameter	SGD Price
224801	Color Disc	0 to 4 mg/L PO ₄	0 to 0.8 mg/L PO ₄	Phosphorus, Orthophosphate (Reactive) - as PO ₄ ³⁻	
224902		1 to 40 mg/L PO ₄	0.1 to 4 mg/L PO ₄	Phosphate, ortho-/ meta As PO ₄ ³⁻	
147500	Color Disc	0 to 44 mg/L PO ₄	0 to 4.4 mg/L PO ₄	Phosphorus, Orthophosphate (reactive) - As PO ₄ ³⁻	
146401	Color Disc		0.25 to 7 mg/L Fe	Iron, medium range - as Fe	
146500	Color Disc		0.02 to 1.00 mg/L Fe	Iron, medium range - As Fe	
2299300	Color Disc	0 to 1.2 mg/L Fe	0 to 0.2 mg/L Fe	Iron, low range - As Fe	
255600	Color Disc	0 to 1.0 mg/L Fe	0 to 0.2 mg/L Fe	Iron, low range - As Fe**	
183400	Color Disc		0 to 1.3 Cr ⁶⁺	Chromium, low range - As hexavalent Cr	
222800	Color Disc		0 to 1.3 mg/L Cr	Chromium, low range - As hexavalent & total Cr (trivalent by difference)	
1421300	Color Disc		0 to 4 mg/L Cu	Copper - As free Cu	
2194100	Color Disc		0 to 4 mg/L Cu	Copper - As free & total Cu [#]	
1419301	Color Disc	0 to 40 mg/L Mo	0 to 8 mg/L Mo	Molybdate - As Molybdenum	
2359300	Color Disc		0 to 3.0 mg/L Mo	Molybdate - as Molybdenum	
143203	Color Disc		0 to 1.2 mg/L LAS	Detergents - As LAS and/or ABS detergents	
184900	Color Disc		0 to 1 mg/L N ₂ H ₄	Hydrazine - As N ₂ H ₄	
223400	Color Disc	0 to 500 units	0 to 100 units	Color - as color units	
146700	Color Disc		0 to 3.0 mg/L Mn	Manganese - As Mn	
193701	Color Disc	0 to 150 mg/L	0 to 15 mg/L as Tannic Acid	Tannin/Lignin - As tannic acid	
2349500	Color Disc	0 to 1360 μg/L DEHA (and other Oxygen Scavengers)	0 to 52 μg/L DEHA (and other Oxygen Scavengers)	Oxygen Scavenger - As DEHA, hydroquinone, erythorbic acid, and methylethylketoxime	
2483600	Color Disc		0 to 4.0 mg/L	Phenois	
2587200	Color Disc		1 to 2800 mg/L multiple ranges	Glutaraldehyde	

Part Number	Platform	Range 2	Range	Parameter	SGD Price
201002	Color Disc		0 to 0.3 mg/L CN	Cyanide - As free CN-	
2674500			5 to 50 ppb Ag	Silver-As Ag	
1454201	Color Disc	0 to 3.4 mg/L Cl ₂	0.02 to 0.68 mg/L CI#	Chlorine, low range - As free Cl ₂	
2129000	Color Disc	0 to 3.4 mg/L CI#	0 to 0.68 mg/L Cl#	Chlorine, low range - as free & total Cl ₂	
1454202	Color Disc	0.02 to 0.68 mg/L Cl ₂	0.02 to 3.4 mg/L CI# CI ₂	Chlorine, low range - As total Cl ₂	
2842800	Color Disc		0 to 2.0 mg/L CIO#	Chlorine Dioxide	
2255000	Color Disc		0 to 1 mg/L SiO ₂	Silica, low range - As SiO ₂	
2064400	Color Disc		0 to 2.2 mg/L O#	Ozone - As O ₃	
2518050			0 to 1.50 mg/L O ₃	Ozone - As O ₃	
2113300	Color Disc		0 to 100 mg/L PO ₄	Phosphonate - As PO ₄ ³⁻	
2113301	Color Disc		0 to 100 mg/L PO#	Phosphonate - As PO ₄ ³⁻	
2167500	Color Disc		0 - 15.0 mg/L	Triazole - As benzotriazole	
2167502	Color Disc		0 - 15.0 mg/L	Triazole -As benzotriazole	
2167570	Color Disc		0 - 15.0 mg/L	Triazole - As benzotriazole	
2113302	Color Disc		0 to 100 mg/L PO#	Phosphonate - As PO_4^{3-}	
224000	Color Disc	0 to 1,600 mg/L NO ₂	0 to 80 mg/L NO ₂	Nitrogen, Nitrite, high range - As NO ₂	
1408100	Color Disc	0.01 to 0.40 mg/L NO ₂ -N	0 to 40 mg/L NO ₃ ⁻ -N	Nitrogen, Nitrate/ Nitrite - NO ₃ -N/NO ₂ - N	
1416100	Color Disc	0 to 10 mg/L NO ₃ ⁻ -N	0 to 1 mg/L NO ₃ ⁻ -N	Nitrogen, Nitrate - As NO ₃ -N	
146803			0 to 40 mg/L NO ₃ ⁻ -N	Nitrogen, Nitrate - As NO ₃ -N	
2182000	Color Disc		0 to 0.40 mg/L NO ₂ -N	Nitrogen, Nitrite, low range - As NO ₂ -N	
224100	Color Disc		0 to 3.0 mg/L NH ₃ -N	Nitrogen, Ammonia, mid range - For freshwater	

Part Number	Platform	Range 2	Range	Parameter	SGD Price
2428700	Color Disc		0 to 2.4 mg/L $\mathrm{NH_3}\text{-N}$	Nitrogen, Ammonia, mid range - For freshwater or seawater	









Digital Titrator Test Kits

Hach digital titrators use a high-precision dispensation device and replaceable titrant cartridges for highly accurate results in the field or lab. More than 50 different paramaters and/or ranges are available to suit many testing applications. Each kit includes comprehensive instructions, apparatus, reagents, and a rugged carrying case. Quick-change cartridges allows the user to switch parameters in seconds, and each cartridge provides between 40-100 titrations, depending on sample concentration. Common parameters available include total hardness, chloride, sulfide, carbon dioxide, and acidity.

Part Number	Platform	Range 2	Range	Parameter	SGD Price
2064100	Digital Titrator		10 to 1,000 mg/L CO ₂	Carbon Dioxide - As CO ₂	
2063500	Digital Titrator		10 to 8,000 mg/L Cl ⁻	Chloride- As Cl	
2580600	Digital Titrator	to	10 to 10,000 mg/L Cl	Chloride- As Cl	
145401	Digital Titrator		20 to 400 mg/L CaCO ₃	Hardness, total - As CaCO ₃	
2063900	Digital Titrator		10 to 4,000 mg/L CaCO ₃	Hardness, total & Calcium - As CaCO ₃	
2063600	Digital Titrator		10 to 4,000 CaCO ₃	Hardness, total - As CaCO ₃	
2471100	Digital Titrator		20 to 2,000 mg/L CI#	Chlorine, mid and high range - As total Cl ₂	
2687100	Digital Titrator		5 to 15 % = 50-150 g/ L Cl ₂	Hypochlorite, high range - (Bleach) As Cl ₂	
2063300	Digital Titrator		4 to 800 mg/L SO ₃ ²⁻	Sulfite - As SO ₃ ²⁻	
2063700			10 to 4,000 mg/L CaCO ₃	Alkalinity - (P) & Total (MO) - as CaCO ₃	
2064000	Digital Titrator		10 to 4,000 mg/L CaCO ₃	Acidity - (P or Total) as CaCO ₃	





Drop Count Titration Test Kits

Hach drop-count titration kits are a simple, easy, and cost-effective way to test for many common parameters, including chlorine, chloride, dissolved oxygen, carbon dioxide, sulfite, nitrogen, formaldehyde, and more. Kits can be used in the field or lab for as a quick reference, or for simple yes/no confirmatory testing. Simply add titrant to the sample until you see color change. Instructions, apparatus, reagents, and carrying case are included in every kit.

Part Number	Platform	Range 2	Range	Parameter	SGD Price
145201	Drop Count Titrator	1 to 20 gpg CaCO ₃	1 to 20 mg/L mg/L CaCO ₃	Hardness, total - as CaCO ₃	
222702	Drop Count Titrator	50 to 1000 mg/L Cr ⁶⁺	to Cr ⁶⁺	Chromium, high range - As hexavalent Cr	
2308100	Drop Count Titrator		to Ascorbic Acid	Ascorbic Acid	
143601	Drop Count Titrator	2 to 40	to CO ₂ †	Carbon Dioxide - as CO_2	
2183100	Drop Count Titrator	0.5 to 10 %	0.05 to 1 %	Formaldehyde - As CH ₂ O	
2291700	Drop Count Titrator	1 to 10 mg/L	to	Hydrogen Peroxide - As H ₂ O ₂	
144001	Drop Count Titrator	20 to 400 mg/L Cl ⁻	5 to 100 mg/L Cl ⁻	Chloride - as Cl	
208601	Drop Count Titrator	5000 to 100,000 mg/ L Cl ⁻	500 to 10,000 mg/L	Chloride - As Cl	
145300	Drop Count Titrator		1 to 30 gp g CaCO ₃	Hardness, total - as CaCO ₃	
145400	Powder Pillows		1 to 30 CaCO ₃	Hardness, total - As CaCO ₃	
145700	Drop Count Titrator		1 to 20 gpg Calcium or Total Hardness, as CaCO ₃	Hardness, Total & Calcium - as CaCO ₃	
145701	Drop Count Titrator		to CaCO ₃	Hardness, total & Calcium - (Magnesium by difference)	
225300			1 drop = 1gpg as CaCO ₃	Soap Demonstration	
2444400	Drop Count Titrator		to	Chlorine, mid and high range - as Total Cl ₂	

Part Number	Platform	Range 2	Range	Parameter	SGD Price
225401	Drop Count Titrator	1 to 20 mg/L	to	Chlorine, mid and high range - As total Cl ₂	
2687200	Drop Count Titrator		to % % Cl ₂	Hypochlorite, high range - (Bleach) As Cl ₂	
146900	Drop Count Titrator	1 to 20 mg/L O ₂	to O ₂	Dissolved Oxygen - as DO	
148002	Drop Count Titrator	10 to 200 mg/L SO ₃ ²⁻	SO ₃ ²⁻	Sulfite - As SO ₃ ^{2#}	
2314500		385 to 8,500 mg/L	23 to 495 gpg	Alkalinity - (P) & Total (MO) as CaCO ₃	
2444300		1 to 20 gpg	to 8 gpg	Alkalinity - (P) & Total (MO) as CaCO ₃	
2444301		20 to 400 mg/L	5 to 100 mg/L	Alkalinity - (P) & Total (MO) - as CaCO ₃	
222301	Drop Count Titrator	20 to 400 mg/L CaCO ₃	5 to 100 mg/L	Acidity - Methyl- Orange (MO) & Phenolphthalein	







Specialty Test Kits

Application-specific kits are available for many parameters, including Arsenic, water in oil, Sulphate, Glycol, and others. These kits use a variety of methods, including test strips, turbidity, and visual colour changes to accomplish testing.

Each kit includes reagents, apparatus, and instructions - all in a rugged carrying case.

Part Number	Platform	Range 2	Range	Parameter	SGD Price
2800000	Test Strip		0 to 500 ppb	Arsenic	
2822800	Test Strip	0 to 4000 ppb As	0 to 500 ppb como	Arsenic	
2186400			Presence or absence of glycol 0- greater than 150 mg/L	Glycol - Ethylene glycol in oil or water	
2674500			5 to 50 ppb Ag	Silver-As Ag	
2237300		0 to 10 %	0.05 to 1 %	Water-in-oil - As %	
145400	Powder Pillows		1 to 30 CaCO ₃	Hardness, total - As CaCO ₃	
225100			50 to 200 mg/L	Sulfate - As SO ₄ ²⁻	
2537800			0 to 5 mg/L H ₂ S	Hydrogen Sulfide - as H ₂ S	







Test Strips

High-quality Hach chemistry on an easy-to-use test strip. Simply dip the strip in sample and compare with colors printed on the bottle to find a reading. Test strips are accurate, portable, and low-cost. Applications include drinking water, wastewater, pool and spa, industrial process water, and more. Parameters available include chlorine, nitrate and nitrite, hardness, alkalinity, chloride, ammonia, and more. Hach offers a high-value 5 in 1 test strip, which measures free chlorine, total chlorine, hardness, alkalinity, and pH - all on one strip.

Part Number	Name	Parameter	Range	SGD Price
2601300	pH Paper, 0 - 14 pH Range, 100/pk	pH	0 to 14 pH	
2755250	5 in 1 Water Quality Test Strips			
2744940	Chloride QuanTab® Test Strips, 30-600 mg/L	Chloride - as Cl	30 to 600 Cl ⁻	
2745050	Free & Total Chlorine Test Strips, 0-10 mg/L	Chlorine, low range - as free & total Cl ₂	0 to 10 Cl ₂	
2755325	Ammonia (Nitrogen) Test Strips, 0-6.0 mg/L	Ammonia, Nitrogen, low range - As NH ₃ -N, For freshwater	0 to 6 ppm	
2744850	Total Alkalinity Test Strips, 0-240 mg/L	Alkalinity - Phenolphthalein	0 to 240 ppm	
2757150	Phosphorus, Orthophosphate (reactive) Test Strips, 0-50 mg/L	Phosphorus, Orthophosphate (reactive) - as PO ₄	0 to 50 ppm PO ₄	
2793944	Free & Total Chlorine Test Strips, 0-10 mg/L, Individually Wrapped, 250/ pk	Chlorine, low range - as free & total Cl ₂	0 to 10 mg/L Cl ₂	
2890200	Free Chlorine Test Strips, 0-600 mg/L, 100 tests	Free Chlorine, High Range	0 to 600 mg/L Cl ₂	
2745250	Total Hardness Test Strips, 0-425 mg/L	Hardness, Total - as CaCO ₃	0 to 425 ppm	
2745325	Iron Test Strips (Total Dissolved Iron), 0-5 mg/L	Iron, medium range - As Fe**	0 to 5 ppm Fe	
2745425	Nitrate and Nitrite Test Strips	Nitrate and Nitrite	Nitrate 0 to 50 mg/L ppm NO ₃ -N	
2745650	pH Test Strips, 4-9 pH units	pH, mid range	4 to 9 pH	

Part Number	Name	Parameter	Range	SGD Price
2751340	Chloride QuanTab® Test Strips, 300-6000 mg/L	Chloride - as Cl	300 to 6000 ppm Cl ⁻	
2745125	Copper Test Strips, 0-3 mg/L	Copper	0 to 3 ppm Cu	
2793828	Total Hardness Test Strips 0-425 mg/L, 1000 tests, Individually Wrapped	Hardness, Total - as CaCO ₃	0 to 425 ppm	
2793844	Total Hardness Test Strips, 0-425 mg/L, 250 tests, Individually Wrapped	Hardness, Total - as CaCO ₃	0 to 425 ppm	
2751000	pH Test Strip, 7.5-14 pH units, 100 tests	рН	рН	
37633	pH Paper, 4.5 - 7.5 pH Range			
38533	pH Paper, 9.0 - 12.0 pH Range			
37333	pH Paper, 3.0 - 5.5 pH Range			
37933	pH Paper, 6.0 - 8.0 pH Range			
39133	pH Paper, 1.0 - 11.0 pH Range			