Water Quality Measurement Products

Full Line Catalog

HFscientific.com

HF scientific

A **WATTS** *Brand*

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HF scientific
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Web Site: www.hfscientific.com

We Accept

MicroTOL - OnLine Turbidimeter

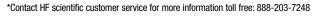| Cat. No.	Model	Range in NTU	Ultrasonic Cleaning	USEPA Method 180.1	ISO 7027
20053	#2 White Light	0 - 1000		X	
20054	#2 Infrared	0 - 1000			X
20055	#3 White Light	0 - 100	X	X	
20056	#3 Infrared	0 - 100	X		X
20063	#4 White Light	0 - 1000	X	X	
20064	#4 Infrared	0 - 1000	X		X
40060	#5 White Light	0 - 10		X	
40061	#5 Infrared	0 - 10			X
40070	#6 White Light	0 - 10	X	X	
40071	#6 Infrared	0 - 10	X		X

MicroTOL

All MicroTOL Models include:

Backlight display, 4-20ma, RS-485/Modbus, inline pressure regulator, desiccant, universal power supply (100 - 240VAC), and operator's manual. MicroTOL 2 & MicroTOL 5 also includes spare measuring cuvette.
CALIBRATION KITS MUST BE ORDERED SEPARATELY.

MicroTOL - Accessories & Options

Cat. No.	Description
39950	ProCal Primary Calibration Kit - .02, 1 and 10 NTU (for MicroTOL 5 or 6)
39953	ProCal Primary Calibration Kit - .02, 10 and 100 NTU (for MicroTOL 3)
39957	ProCal Primary Calibration Kit, Full Range, .02, 10 and 1000 NTU (for MicroTOL 2, 4)
39825	ProCal Primary Calibration Standard – 10 NTU - 125ml
39824	ProCal Primary Calibration Standard – 100 NTU - 125ml
28335	ProCheck-S Solid Validation Standard Low NTU Value (typically less that 1 NTU) - for MicroTOL, Micro 100/1000
28336	ProCheck-S Solid Validation Standard Mid NTU Value (typically around 7 NTU) - for MicroTOL, Micro 100/1000
19787	Converter RS485 to USB. For Use with HF OnLine Software
24034	Operator's Manual MicroTOL-1, 2, 3, 4 (free download available from our web site)
19777	Modbus Protocol Manual (free download available from our web site)
98877	Demo Stand – MicroTOL
19945A	Flow Alarm MicroTOL (factory installed)
50121	Flow Through Assembly, High Temperature (0 - 90°C)
70914	Formazin Stock Solution – 4000 NTU in a 16oz bottle
50040	Formazin Stock Solution Kit - Primary Calibration - each kit contains: 32 ounces of 4000 NTU Formazin, one gallon 0.02 NTU water, one 0.02 NTU Standard, four cuvettes with indexing light shields, three pipettes, and instruction manual.
24017S	Junction Box Power Supply Assembly
21045A	Inductive Isolator Option for 4-20mA
20111	24 Volt Power Supply for MicroTOL (Factory Installed)
19609	Remote Display
20106	Stilling / Bubble Removing Chamber
20815	22 Gauge RS-485 two wire twisted pair shielded communication cable
20779S	Power Cord 120VAC / 240VAC
21201S	Source/Drain Tubing – 50 foot roll
21201	Source/Drain Tubing – (sold per foot)

Simple Calibration

Ultrasonic
autoclean system

*Contact HF scientific customer service for more information toll free: 888-203-7248

MicroTOL - Spare Parts

Cat. No.	Description
50036*	Flow Through Cuvette - MicroTOL 2 (3 pack)
39957*	ProCal Primary Calibration Kit, Full Range, .02, 10 &1000 NTU (for MicroTOL 1)
21555R*	Desiccant – Refill only
24166S	Ultrasonic Cuvette Assembly – MicroTOL 3 & 4
50125	Flow Through Assembly, Nylon (includes non ultrasonic cuvette.)
24165S	Flow Through Assembly, Nylon (does not include cuvette.)
21396S	Lamp Assembly for IR Models
24082S	Lamp Assembly for White Light Models
21062	Tubing Kit Includes: tubing, fittings, clamp for Micro200 & TOL sensor, backpressure valve, & drain vent.
19778	Inline Flow Regulator (1L/min). Recommended for pressurized system
24306S	Inline Pressure Regulator
02053	Electronic Service Module MicroTOL 2 WL (also will retrofit to MicroTOL 1 WL)
02054	Electronic Service Module MicroTOL 2 IR (also will retrofit to MicroTOL 1 IR)
02055	Electronic Service Module MicroTOL 3 WL
02056	Electronic Service Module MicroTOL 3 IR
02063	Electronic Service Module MicroTOL 4 WL
02064	Electronic Service Module MicroTOL 4 IR
04060	Electronic Service Module MicroTOL 5 WL
04061	Electronic Service Module MicroTOL 5 IR
04070	Electronic Service Module MicroTOL 6 WL
04071	Electronic Service Module MicroTOL 6 IR

*Recommended spare parts

Micro 200** & Micro 200BW Turbidimeter - Accessories & Options & Spare Parts

Cat. No.	Description
70718	Accessory Kit (Includes 1 each 0.02 NTU secondary standard, flow control clamp (stainless steel), spare cuvette and light shield cap).
39830*	ProCal Calibration Set (0.02, 100, 400 & 1000 NTU) Micro 200BW only
39820*	ProCal Calibration Set (0.02, 4, 10, 40 & 100 NTU)
39828*	ProCal Calibration Set (0.02, 4.0 & 10 NTU)
39826	ProCal Primary Calibration Standard – 4.0 NTU - 125ml
39825	ProCal Primary Calibration Standard – 10 NTU - 125ml
39823	ProCal Primary Calibration Standard – 40 NTU - 125ml
39824	ProCal Primary Calibration Standard – 100 NTU - 125ml
50121	Flow Through Assembly, High temperature (0-90ºC) Micro 200BW Only
21652	Micro200BW Operator's Manual - 0-10 and 0-100NTU (free download available from our web site)
21640	Micro200BW Operator's Manual - 0-1000NTU (free download available from our web site)
21546	Cable – Interconnect cable between sensor & analyzer (6 feet long)
20853A	Cable – Analyzer to Sensor with connector (for requirements over 6 feet)
50036*	Cuvette, 28 x 70 mm, vial only (screw in type) 3/pk.
21555R	Desiccant – Refill Only
50125	Flow Through Assembly, Nylon (includes non ultrasonic cuvette).
21541*	Lamp module, plug in source lamp.

*Recommended spare parts
** This instrument is no longer in production, but some parts and accessories are still available.

Micro100 - Instruments

Cat. No.	Micro WL	NTU,V, Hz	Description
20001	Micro 100 WL Laboratory Turbidimeter	0 – 1000 NTU, 120V 60 Hz	Includes a complete set of calibration standards (0.02, 10 and 1000 NTU), two measuring cuvettes with light shield cap, operator's manual and 120VAC power adapter
19950	Micro 100 WL Laboratory Turbidimeter	0 – 1000 NTU, Universal Power 100-240V 50-60 Hz	Includes a complete set of calibration standards (0.02, 10 and 1000 NTU), two measuring cuvettes with light shield cap, operator's manual and a Universal Power adapter that operates at any voltage between 100-240VAC
19952	Micro 100 IR Laboratory Turbidimeter,	0 – 1000 NTU, 100-240V Universal Power 50-60 Hz	Includes a complete set of calibration standards (0.02, 10 and 1000 NTU), two measuring cuvettes with light shield cap, operator's manual and a Universal Power adapter that operates at any voltage between 100-240VAC

Micro 100 - Accessories & Options

Cat. No.	Description
19786	Batteries, Lithium - Pkg. of 2
70050	Wall Power Supply/Charger 120 Volts
22580	Universal Power Supply 100-240 Volts
19785	Cable RS-232, Micro 100/1000
39957	ProCal Primary Calibration Kit, Full Range, .02, 10 & 1000 NTU
39825	ProCal Primary Calibration Standard – 10 NTU - 125ml
28335	ProCheck-S Solid Validation Standard Low NTU Value (typically less that 1 NTU) - for MicroTOL, Micro 100/1000
28336	ProCheck-S Solid Validation Standard Mid NTU Value (typically around 7 NTU) - for MicroTOL, Micro 100/1000
50052	Cuvette 28 x 70 mm 10/pk. (replaces 28 x 93 mm) Use for grab sample. Includes ten threaded light shield caps.
50051	Cuvette 28 x 70mm 3/pk. (replaces 28 x 93mm) Use for grab sample. Includes threaded light shield caps.
19981	Cuvette Stand (for storing empty cuvettes as well as calibration standards; holds up to 11 cuvettes)
19889	Flow Through Assembly (complete kit)
50040	Formazin Stock Solution Kit Each kit contains 32 ounces of 4000 NTU Formazin, one gallon 0.02 NTU water, one 0.02 NTU Reference Standard, four cuvettes with indexing light shields, three pipettes, and instruction manual.
22155	Operator's Manual - White Light & IR - (free download available from our web site)
19975	Pour through Assembly (includes the assembly, locking ring, 24" of drain tubing, cuvettes and instructions)
19972	Replacement Lamp Module - (White Light)
22423S	Replacement Lamp Module – (IR)

Micro1000 - Instruments

Cat. No.	Micro WL	NTU,V, Hz	Description
20014	1000 WL Laboratory Turbidimeter	0 - 10,000 NTU, 100-240V Universal Power 50-60 Hz	Includes a complete set of calibration standards (.02, 10, 100, 1750 NTU), two measuring cuvettes with light shield caps, operator's manual, and plug-in power adapter.
20016	Micro 1000 IR Laboratory Turbidimeter	0 - 10,000 NTU, 100-240V Universal Power 50-60 Hz	Includes a complete set of calibration standards (.02, 10, 100, 1750 NTU), two measuring cuvettes with light shield caps, operator's manual, and plug-in power adapter.

Micro1000 - Accessories & Options

Cat. No.	Description
22580	Universal Power Supply 100-240 Volts
19785	Cable RS-232, Micro 100/1000
39927	ProCal Primary Calibration Set, WL (0.02, 10, 100, 1750 NTU)
39928	ProCal Primary Calibration Set, IR (0.02, 10, 100, 1750 NTU)
39938	ProCal Calibration Standard, 10,000 NTU (white light)
39939	ProCal Calibration Standard, 10,000 NTU (IR)
39825	ProCal Primary Calibration Standard – 10 NTU - 125ml
39824	ProCal Primary Calibration Standard – 100 NTU - 125ml
28335	ProCheck-S Solid Validation Standard Low NTU Value (typically less that 1 NTU) - for MicroTOL, Micro 100/1000
28336	ProCheck-S Solid Validation Standard Mid NTU Value (typically around 7 NTU) - for MicroTOL, Micro 100/1000
50052	Cuvette 28 x 70 mm 10/pk. (replaces 28 x 93 mm) Use for grab sample. Includes ten threaded light shield caps.
50051	Cuvette 28 x 70 mm 3/pk. (replaces 28x93 mm) Use for grab sample. Includes threaded light shield caps.
22615	Operator's Manual - White Light & IR - (free download available from our web site)
19889	Flow Through Assembly (complete kit)
19975	Pour through Assembly (includes the assembly, locking ring, 24" of drain tubing, cuvettes and instructions)
19972	Replacement Lamp Module - (White Light)
24547S	Replacement Lamp Module – (IR)

MicroTPW / TPI - Instruments

Cat. No.	Micro Type	NTU	Description
20000	MicroTPW Portable Turbidimeter (White Light)	0 - 1,100 NTU	Includes carrying case, one set of calibration standards, indexing rings, 4AAA alkaline batteries, operator's manual and measuring cuvettes with light shield caps.
20008	MicroTPI Portable Turbidimeter (IR)	0 - 1,100 NTU	Includes carrying case, one set of calibration standards, indexing rings, 4AAA alkaline batteries, operator's manual and measuring cuvettes with light shield caps.

MicroTPW / MicroTPI - Accessories, Options & Spare Parts

Cat. No.	Description
39845	ProCal Primary Calibration Kit, .02, 10, 1000 NTU for MicroTPI & MicroTPW
24571S	Rechargeable Battery Pack w/ 120v charger (TPI & TPW)
34381S	ProCal Primary Calibration Standard – 10 NTU - 60ml
19856	Cuvettes with Light Shield Caps, 3 pack (TPI & TPW)
22664	Batteries, 4 pack (TPI & TPW)
24378	Combined Manual for MicroTPI & MicroTPW (free download available from our web site)
39855	ProCal Primary Calibration Kit, .02, 10, 100, 1000NTU for MicroTPI–Cat# 19997 (before July-2004)
32482S	ProCal Primary Calibration Standard–10 NTU - 60ml for Cat#19997
32483S	ProCal Primary Calibration Standard–100 NTU - 60ml for Cat#19997

DRT-15CE - Instruments

Cat. No.	Micro Type	NTU,V	Description
19057	DRT-15CE Portable Turbidimeter (White Light)	0 - 1000 NTU (120V)	Includes: battery charger, sample cuvette w/light shield cap, 0.02 NTU reference standard, recorder output plug and instruction manual..
19058	DRT-15CE Portable Turbidimeter (White Light)	0 - 1000 NTU (240V)	Includes: battery charger, sample cuvette w/light shield cap, 0.02 NTU reference standard, recorder output plug and instruction manual..

DRT-15CE - Accessories, Options & Spare Parts

Cat. No.	Description
20115	Adapter Kit, 16 mm factory installed
19045	Auto Adapter 12 Volt
39071	ProCal Primary Calibration Set (0.02, 10, 100 & 1000 NTU)
21805	Operator's Manual (free download available from our web site)
19981	Cuvette Stand (for storing cuvettes as well as calibration standards; holds up to 11 cuvettes
50040	Formazin Stock Solution Kit Each kit contains 32 ounces of 4000 NTU Formazin, one gallon 0.02 NTU water, one 0.02 NTU Reference Standard, four cuvettes with indexing light shields, three pipettes, and instruction manual.
19975	Pour through Assembly (includes the assembly, locking ring, 24" of drain tubing, cuvettes and instructions)
39825	ProCal Primary Calibration Standard–10 NTU - 125ml
39824	ProCal Primary Calibration Standard–100 NTU - 125ml
50048	Cuvette 16mm 3/pk. With cap shields (requires adapter, catalog no. 20115)
50052	Cuvette 28 x 70 mm 10/pk. (replaces 28 x 93 mm) Use for grab sample. Includes ten threaded light shield caps.
50051	Cuvette 28 x 70 mm 3/pk. (replaces 28 x 93 mm) Use for grab sample. Includes threaded light shield caps.
70008	Rechargeable Battery
60013	ProCal Calibration Standard 0.02 NTU (complete with indexing light shield)
21084	Source Lamp Assembly, 2/pk.

ProCal

ProCal primary turbidity standards are pre-diluted, factory certified*, and ready for use with Hach® process, laboratory and field instruments as well as the HF scientific turbidimeter product line and other manufacturer's instrumentation. The ProCal standard formulation utilizes a preservative that enhances stability, yet is safe and biodegrades rapidly. Contact our customer service department for more information.

Hach® 1720 c/d/e Process Turbidimeter

Hach® part #	**GFS part #	HF part#	Kit:	NTU Value(s)	Bottle size
n/a	85558	52000	High range	0.0, 20	1 Liter
n/a	85559	52010	High range	0.0, 20	1 Gallon
n/a	86340	52020	Low range	0.0, 1.0	1 Liter
n/a	86307	52030	Low range	0.0, 1.0	1 Gallon
2659600		52040	High range	0.0, 20	4 x 1 liter
2659753	85005	52050		0.0	1 Liter
n/a	85006	52060		0.0	1 Gallon
2659853	85575	52070		1.0	1 Liter
n/a	86291	52080		1.0	1 Gallon
2660153		52090		20	1 Liter
n/a	85474	52100		20	1 Gallon
2746353		52110		40	1 Liter
2746356		52120		40	1 Gallon

Standards certified* for use with the Hach® Company's 1720 series turbidimeters

ProCal gallon for Hach® 1720

ProCal liter for Hach® 1720

Hach® 2100N Laboratory Turbidimeter

Hach® part #	**GFS part #	HF part #	Kit:	NTU Value(s)	Bottle size
n/a	85525	52140	Kit:	0.0, 20, 200, 1000, 4000	250ml
2662100		52150	Kit:	0.0, 20, 200, 1000, 4000	500ml
n/a	85003	52160		0.0	250ml
2659749	85004	52170		0.0	500ml
n/a	85248	52180		20	250ml
2660149	86191	52190		20	500ml
n/a	85249	52200		200	250ml
2660449	86193	52210		200	500ml
n/a	85250	52220		1000	250ml
2660649		52230		1000	500ml
n/a	85251	52240		4000	250ml
246149	86197	52250		4000	500ml

Standards certified* for use with the Hach® Company's 2100N turbidimeter

Hach® is a registered trademark of the Hach® Company, which is not affiliated with HF scientific.

**GFS stands for GFS Chemicals of Powell, Ohio.

*In addition to being approved by the EPA, ProCal™ has been certified through testing conducted by HF scientific demonstrating that ProCal™ performs as well as Hach® primary turbidity standards in selected Hach® instruments. Test results are available upon request.

Hach® 2100AN Laboratory Turbidimeter

Hach® part #	GFS part #	HF part #	Kit:	NTU Value(s)	Bottle size
n/a		52260	Kit:	0.0, 20, 200, 1000, 4000	250ml
2659500		52270	Kit:	0.0, 20, 200, 1000, 4000	500ml
n/a	85003	52280		0.0	250ml
2659749	85004	52290		0.0	500ml
n/a	85248	52300		20	250ml
2660149	86191	52310		20	500ml
n/a	85249	52320		200	250ml
2660449	86193	52330		200	500ml
n/a	85508	52340		1000	250ml
2660649	85396	52350		1000	500ml
n/a	85251	52360		4000	250ml
246149	86197	52370		4000	500ml
2584202		52380		7500 for 2100AN	30ml sealed

Standards certified* for use with the Hach® Company's 2100AN turbidimeter

Hach® 2100P Portable Field Turbidimeter

Hach® part #	GFS part #	HF part #	Kit:	NTU Value(s)	Bottle size
n/a	85526	52390	Kit:	0.0, 20, 100, 800	250ml
2659400		52400	Kit:	0.0, 20, 100, 800	500ml
n/a	85003	52410		0.0	250ml
2659749	85004	52420		0.0	500ml
n/a	85253	52430		20	250ml
2660149		52440		20	500ml
n/a	85255	52450		100	250ml
2660249		52460		100	500ml
n/a	85256	52470		800	250ml
2660549		52480		800	500ml

Standards certified* for use with the Hach® Company's 2100P turbidimeter

Hach® 2100Q Portable Field Turbidimeter

Hach® part #	GFS part #	HF part #	Kit:	NTU Value(s)	Bottle size
n/a	85712	52490	Kit:	0.0, 20, 100, 800	250ml
2971200		52500	Kit:	0.0, 20, 100, 800	500ml
n/a	85003	52510		0.0	250ml
2659749	85004	52520		0.0	500ml
n/a	85693	52530		20	250ml
2660149		52540		20	500ml
n/a	85695	52550		100	250ml
2660249		52560		100	500ml
n/a	85697	52570		800	250ml
2660549		52580		800	500ml

Standards certified* for use with the Hach® Company's 2100Q turbidimeter

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CLX - Instrument

Cat. No.	Name	Description
20040	CLX OnLine Residual Chlorine Analyzer	The CLX comes with 4-20mA and RS-485 Modbus, backlight display, inline pressure regulator, power supply, replacement tubing/cuvette kit (one year supply) and owners manual. REAGENTS PURCHASED SEPARATELY!

If the application combines high humidity with cold sample water, purchase a #09944 Desiccant Cartridge separately

Reagents

Cat. No.	CLX J.A.W. reagents - Dry - Just Add Water
09951	J.A.W. Kit Reagent - Free Chlorine 30 day supply
09952	J.A.W. Kit Reagent - Total Chlorine 30 day supply

Cat. No.	J.A.W. Reagents designed by HF scientific for use in the Hach® CL17
09951H	J.A.W. Kit Reagent - Free Chlorine 30 day supply
09952H	J.A.W. Kit Reagent - Total Chlorine 30 day supply

Cat. No.	Description
09947	Original Liquid Kit Reagent - Free Chlorine 30 day supply
09948	Original Liquid Kit Reagent - Total Chlorine 30 day supply

CLX Instrument

CLX Reagents

Accessories

Cat. No.	Description
09950	Replacement Tubing/Cuvette Kit - one year supply with cuvette (new) CALL!
25096	Flush Kit
24561	T-Strainer Assembly
28625	T-Strainer Screen
24320S	Pressure Regulator
25018S	Flow Through Cuvette CLX
25017S	Check Valve Kit – For CLXs shipped after AUG 2007. Includes Check Valves, Duck Bill Valves, End Caps and Pump Tubes
09944	Desiccant Cartridge - Use in high humidity, cold water sample applications
98878	Demo Stand - CLX
24429S	Replacement PCB Module – Includes LCD and Keypad
20779S	Power Cord – 120VAC / 240VAC
09945	Zero Calibration Kit – 240 Volt 50Hz
09946	Zero Calibration Kit – 120 Volt 60Hz
24420	Operator's Manual (free download available from our web site)
24569	Modbus Manual for CLX (free download available from our web site)
24561	Accessory kit - t-strainer, ferrite, fittings, tubing polypro, screen

CLX Instrument
cover removed

Hach® is a registered trademark of the Hach® Company, which is not affiliated with HF scientific.

Dry CLX Reagents - OnLine for international shipments requiring non-hazardous

Cat. No.	Dry Kit Reagents*
09947X	CLX Dry Kit Reagent - Free Chlorine 30 day supply
09948X	CLX Dry Kit Reagent - Total Chlorine 30 day supply
09937X	CLX Dry Kit Reagent - Free Chlorine 12 month supply
09938X	CLX Dry Kit Reagent - Total Chlorine 12 month supply

*Kits shipped dry. User must add Sulfuric Acid and Sodium Hydroxide before use.

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Chlorine Pocket Photometer - Instrument

Cat. No.	Name	Description
10478	Chlorine Pocket Photometer 0-10.0 ppm (mg/L)	Each unit includes: 4 measuring cuvettes w/caps, 4 AAA batteries, rugged carrying case & instructions (REAGENT DISPENSER SOLD SEPARATELY)
10485	Chlorine Pocket Photometer 0-20.0 ppm (mg/L)	Each unit includes: 4 measuring cuvettes w/caps, 4 AAA batteries, rugged carrying case & instructions (REAGENT DISPENSER SOLD SEPARATELY)

Chlorine Pocket Photometer - Accessories & Options

Cat. No.	Description
10451	Reference Standard solution, 2.0 ppm 118 ml (CP-15)
10451A	Reference Standard solution, 2.0 ppm 118 ml (Chlorine Pocket Photometer)
10431	Cuvettes, Disposable with caps, pkg. 100
10430	Cl2 Dilution Kit (0-75 ppm)
21487	Optical Well Cover, Black
21885	Operator's Manual (free download available from our web site)
22664	Set of 4 AAA Alkaline batteries
24571S	Rechargeables Battery - 4 AAA with 120V Charger

Cat. No.	Description
10500	PPD-2 Dispenser for Free Chlorine-100 tests (5ml sample size)
10500C	PPD-2 Dispenser for Free Chlorine-1000 tests (5 x 200) (5ml sample size)
10502	PPD-2 Dispenser for Total Chlorine-100 tests (5ml sample size)
10502C	PPD-2 Dispenser for Total Chlorine-1000 tests (5 x 200) (5ml sample size)
10508	PPD-2 Dispenser for 0-20 ppm, Total Chlorine 200 tests (5 ml sample size)
10509	PPD-2 Dispenser for 0-20 ppm, Free Chlorine 200 tests (5 ml sample size)

Chlorine Dioxide Pocket Photometer - Instrument

Cat. No.	Name	Description
10474	Chlorine Dioxide Pocket Photometer	Each unit includes: 4 measuring cuvettes w/caps, Powder Pop Dispenser w/ 100 doses of DPD, 30 ml of Glycine Reagent, 4 AAA batteries, rugged carrying case and instruction card

Chlorine Dioxide Pocket Photometer - Accessories & Options

Cat. No.	Description
10419	Reagent Kit – PPD-2 Dispenser and 30ml of Glycine (dropper) for 100 tests (5ml sample volume)
10431	Cuvettes, Disposable with caps, pkg. 100
10453	Reference Standard solution, 2.0 ppm 118 ml
24055	Operator's Manual (free download available from our web site)
22664	Set of 4 AAA Alkaline batteries
24571S	Rechargeable Batteries - 4 AAA with 120V Charger

Total Alkalinity Pocket Photometer - Instrument

Cat. No.	Description
10482	Alkalinity Pocket Photometer

Total Alkalinity Pocket Photometer - Reagent

Cat. No.	Description
14195	Indicator, Test Solution, Syringe, Cuvettes, Instruction

Total Alkalinity Pocket Photometer - Accessories

Cat. No.	Description
10431	Disposable Cuvettes, 100/pkg
27035S	Soft Carry Case
22664	Set of 4 AAA Alkaline batteries

PPD-2 DPD Powder Pop® Dispenser

Cat. No.	Test Description	Sample Size	Use with the following Photometers
10500	PPD-2 Dispenser for Free Chlorine-100 tests	≤ 5 ml	HF scientific, Hach®
10445A	PPD-2 Dispenser for Free Chlorine-400 tests (2 x 200)	≤ 5 ml	HF scientific, Hach®
10500C	PPD-2 Dispenser for Free Chlorine-1000 tests (5 x 200)	≤ 5 ml	HF scientific, Hach®
10502	PPD-2 Dispenser for Total Chlorine-100 tests	≤ 5 ml	HF scientific, Hach®
10446A	PPD-2 Dispenser for Total Chlorine-400 tests (2 x 200)	≤ 5 ml	HF scientific, Hach®
10502C	PPD-2 Dispenser for Total Chlorine-1000 tests (5 x 200)	≤ 5 ml	HF scientific, Hach®
10504	PPD-2 Dispenser for Free Chlorine-100 tests	10 ml	Hach®, Hanna
10447A	PPD-2 Dispenser for Free Chlorine-400 tests (2 x 200)	10 ml	Hach®, Hanna
10504C	PPD-2 Dispenser for Free Chlorine-1000 tests (5 x 200)	10 ml	Hach®, Hanna
10506	PPD-2 Dispenser for Total Chlorine-100 tests	10 ml	Hach®, Hanna
10448A	PPD-2 Dispenser for Total Chlorine-400 tests (2 x 200)	10 ml	Hach®, Hanna
10506C	PPD-2 Dispenser for Total Chlorine-1000 tests (5 x 200)	10 ml	Hach®, Hanna
10504T	PPD-2 Dispenser for Free Chlorine 100 Tests (for test kits using tablet technology)	10 ml	Lamotte, Lovibond, YSI, Palintest, Tintometer, Orion
10439A	PPD-2 Dispenser for Free Chlorine 400 Tests (2 x 200) (for test kits using tablet technology)	10 ml	Lamotte, Lovibond, YSI, Palintest, Tintometer, Orion
10505T	PPD-2 Dispenser for Free Chlorine 1000 Tests (5 x 200) (for test kits using tablet technology)	10 ml	Lamotte, Lovibond, YSI, Palintest, Tintometer, Orion
10506T	PPD-2 Dispenser for Total Chlorine 100 Tests (for test kits using tablet technology)	10 ml	Lamotte, Lovibond, YSI, Palintest, Tintometer, Orion
10444A	PPD-2 Dispenser for Total Chlorine 400 Tests (2 x 200) (for test kits using tablet technology)	10 ml	Lamotte, Lovibond, YSI, Palintest, Tintometer, Orion
10507T	PPD-2 Dispenser for Total Chlorine 1000 Tests (5 x 200) (for test kits using tablet technology)	10 ml	Lamotte, Lovibond, YSI, Palintest, Tintometer, Orion
10517	PPD-2 Dispenser for Free Chlorine-100 tests	25 ml	Hach®
10519	PPD-2 Dispenser for Free Chlorine-1000 tests (5 x 200)	25 ml	Hach®
10518	PPD-2 Dispenser for Total Chlorine-100 tests	25 ml	Hach®
10520	PPD-2 Dispenser for Total Chlorine-1000 tests (5 x 200)	25 ml	Hach®

The HF PPD-2 DPD Dispenser is compatible with HF and many non-HF scientific photometers.

PPD-2 DPD Free Chlorine Dispenser

DPD Powder Pops®

Cat. No.	Description	Sample size
10300	Free Chlorine, 200 pkg	5 ml
10301	Free Chlorine, 1000 pkg	5 ml
10303	Total Chlorine, 200 pkg	5 ml
10304	Total Chlorine, 1000 pkg	5 ml
10306	Free Chlorine, 200 pkg	10 ml
10307	Free Chlorine, 1000 pkg	10 ml
10309	Total Chlorine, 200 pkg	10 ml
10310	Total Chlorine, 1000 pkg	10 ml
10312	Free Chlorine, 200 pkg	25 ml
10313	Free Chlorine, 1000 pkg	25 ml
10315	Total Chlorine, 200 pkg	25 ml
10316	Total Chlorine, 1000 pkg	25 ml

PPD-2 DPD Total Chlorine Dispenser

Chlorine Micro Check Test Strips (bottles of 50 strips

Cat. No.	Micro Check Free, Detection Levels PPM (mg/L)	
09940	0, 0.1, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2.0, 2.6, 4.0, 6.0, 10	
	High Range	*Low Range*
09941	0.0, 0.1, 0.2, 0.5, 0.8, 4.0, 10.0	0.0, 0.05, 0.1, 0.15, 0.2, 0.5, 1.0

pH Buffers

Cat. No.	Description
10124A	Acetate Buffer (pH4) for residual analyzers (case - 4 x 1 gallon)
10006	Buffer Solution, pH 10.00 (1 gallon)
10003	Buffer Solution, pH 10.00 (500 ml)
10004	Buffer Solution, pH 4.00 (1 gallon)
10001	Buffer Solution, pH 4.00 (500 ml)
10005	Buffer Solution, pH 7.00 (1 gallon)
10002	Buffer Solution, pH 7.00 (500 ml)

Nitrification Inhibitor Dispenser for Carbonaceous BOD Analysis

Cat. No.	Description
10487	Nitrification Inhibitor Dispenser - 200 doses/tests

Bottles not included

Visual Test Kits

Cat. No.	Description
10460	Total Hardness Kit, Visual Drop Count, Titrimetric, 0-500 ppm/0-30 gpg, ≥ 100 test/kit
10489	Total Alkalinity Kit, Visual Comparator Card, Colorimetric, 0-500 ppm, ≥ 100 test/kit
10490	Total Iron (Fe+3) Kit, Visual Comparator Card, Colorimetric, 0-9 ppm, ≥ 100 test/kit
10491	Ferrous Iron (Fe+2) Kit, Visual Comparator Card, Colorimetric, 0-9 ppm, ≥ 100 test/kit
10492	pH Kit, Visual Comparator, Colorimetric, 6-8 ppm, ≥ 100 test/kit
10493	Manganese Kit, Visual Comparator Card, Colorimetric, 0-10 ppm, ≥ 100 test/kit
10494	Chlorine (Free & Total) Kit, Visual Comparator Card, Colorimetric, 0-6 ppm, ≥ 100 test/kit

Total Alkalinity

Total Iron

Accessories

Cat. No.	Description
29224S	Comparator
27035S	Carrying Case

UVT-15 - Instrument/Laboratory

Cat. No.	Micro WL	NTU,V, Hz	Description
19573	UVT-15 UV Photometer	120V	Each unit includes quartz cuvette, plug–in power supply and is Self Contained in a Rugged Carrying Case
19574	UVT-15 UV Photometer	240V	Each unit includes quartz cuvette, plug–in power supply and is Self Contained in a Rugged Carrying Case

UVT-15 - Accessories & Options

Cat. No.	Description
19313	Quartz cuvette (package of 2)
21827	Replacement Power Supply UVT-15 for 120volt UL/CSA approved
19323	100%T Standard – 500ml
21828	Power Supply UVT-15 for 240volt CE approved
21823	Black Zero Reference Plug

For Pressurized Drinking or Gravity Feed Water Applications

AccUView OnLine UV %Transmission Analyzer

Cat. No.	Micro WL	NTU,V, Hz	Description
28041	AccUView LED OnLine UV Analyzer	100-240 VAC	Each unit includes selectable isolated 4-20 mA output or RS-485 with modbus, two alarm contact, inline pressure regulator, desiccant, power supply, Standard 100%T, spare cuvette with Ultrasonic Transducer and operators manual. Selectable Units: %T or Absorbance – Mercury Free.
28042	AccUView LED OnLine UV Analyzer with Flow Alarm	100-240 VAC	Each unit includes selectable isolated 4-20 mA output or RS-485 with modbus, two alarm contact, inline pressure regulator, desiccant, power supply, Standard 100%T, spare cuvette with Ultrasonic Transducer and operators manual. Selectable Units: %T or Absorbance – Mercury Free. Includes a built in flow alarm
19577	AccUView OnLine %Transmission Analyzer,	100 – 240 VAC for Pressurized or Gravity Feed Potable Water Systems	Each unit includes 4-20mA output with isolator, two alarm contacts, inline flow and pressure regulator, desiccant, power supply, Standard 100%T, Spare cuvette with Ultrasonic Transducer and operator's manual

AccUView LED

Ultrasonic Autoclean System

AccUView Standard and LED - Accessories & Options

Cat. No.	Description	Standard	LED
19609	Remote Display (for an additional digital readout up to 500 feet away)	√	√
24232S	Cuvette (Quartz), with Ultrasonic Transducer	√	√
21555R	Desiccant – Refill Only	√	√
21062	Tubing Kit Includes: tubing, fittings, shut off clamp, backpressure valve, and drain vent.	√	√
21201S	Source/Drain Tubing – 50 foot roll	√	√
21201	Source/Drain Tubing – (sold per foot)	√	√
28137	Electronic Service Module AccUView LED		√
24235S	Electronic Service Module AccUView	√	
24238	Operator's Manual (free download available from our web site)	√	
24165S	Flow Through Assembly, Nylon (does not include cuvette.)	√	√
29173	AccUView LED Owners manual (or free download from our web site)		
20106	Stilling / Bubble Removal Chamber	√	√
19323	100% T Standard – 500ml	√	√
70908	100% T Standard – 1 Gallon	√	√
19851A	RS-485 output with Modbus Protocol (Factory installed option)	√	
24570	Modbus Manual for AccUView (free download available from our web site)	√	√

AccUView

For Wastewater Open Channel Applications

AccUView OnLine WASTEWATER UV % Transmission Analyzers

Cat. No.	Name	Description
19571	AccUView WASTEWATER OnLine UV %T Analyzer, 100-240 VAC	Each unit includes Stainless Steel (304) Enclosure with window for viewing of analyzer, spare cuvette, spare flow through assembly, 4-20mA with isolator, backlight display, bellows pump, power supply, desiccant, 500ml of 100%T water and 50 feet of source drain tubing.
19571C	AccUView WASTEWATER OnLine UV %T Analyzer with Heater, 100-240 VAC	Each unit includes Stainless Steel (304) Enclosure with window for viewing of analyzer, spare cuvette, spare flow through assembly, Heater, 4-20mA with isolator, backlight display, bellows pump, power supply, desiccant, 500ml of 100%T water and 50 feet of source drain tubing.

AccUView WASTEWATER OnLine UV % T Analyzer - Accessories & Options

Cat. No.	Description
19323	Calibration Standard, 500mL, 100%T, Certified
70908	Calibration Standard, 1 gal, 100%T, Certified
19609	Remote Display (for an additional digital readout up to 500 feet away)
24232S	Cuvette (Quartz), with Ultrasonic Transducer
21555R	Desiccant – Refill Only
24767S	Electronic Service Module AccUView Wastewater
24745S	Flow Through Assembly AccUView Wastewater (Rotational quick release flow head without cuvette.)
24743	Operator's Manual (free download available from our web site)
19402	Cleaning / Descaling Solution (4X1 Gallon)
24701S	T-Strainer AccUView Wastewater
24653S	Bellows Pump
21201S	Source/Drain Tubing – 50 foot roll
21201	Source/Drain Tubing – (sold per foot)
19851A	RS-485 output with Modbus Protocol (Factory installed option)

*The Micro TUV instrument has been discontinued and replaced by the AccUView Wastewater Online UV %T Analyzer. The AccUView Wastewater has updated microprocessor technology, ultrasonic cleaning and a smaller footprint which adds up to better value in a newer updated model.

MicroTUV OnLine UV %Transmission Analyzer* - Accessories & Options

Cat. No.	Description
70908	100%T Standard, (1 gallon)
19402	Cleaning and Descaling Solution (4 x 1 gallon)
22965	Cleaning Kit (Includes modified Cap, Tubing and Connectors)
21555R	Desiccant – Refill Only
22974	Cuvette, Quartz (Online)
22041	Pump Head Kit
22047	Pump Tubing Kit

Streaming Current Monitor - Accessories & Options

Cat. No.	Description
19886L	Flow/Level Alarm (Factory Installed)
19922	Calibration Kit – Includes polymer, water and measuring vessel
19926	Polymer Calibration Standard Replacement – for #19922 2 each
21648	Operator's Manual (free download available from our web site)
19994	Spare Cell and Probe Set
19402	Cleaning and Descaling Solution (4 x 1 gallon)
19980	Signal Amplifier to Extend Sensor to Analyzer Distance up to 1000' (need cable #20853A)
22480	Cable – Analyzer to Sensor with connector (25 feet long)
20853A	Cable – Analyzer to Sensor with connector (for requirements over 25 feet long)
19779	Extended Range – (± 100 SCU)
19774	Strap Down Kit (Factory Installed)
19552	Replacement sensor for MicroTSCM
22485	Replacement analyzer for MicroTSCM
19984	Sample Chamber, SCM

HF scientific