

Section 24

Testing

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Water Quality Test Strips



Recommended for end users, our test strips provide an easy, non technical method of checking for common water problems and for verifying the performance of water treatment equipment.

Models:

Model	No. of Tests	Testing Parameters	Ranges
480005	50	Alkalinity - Total + pH	TA: 0, 80, 120, 180, 240, 360 ppm pH: 6-9 pH
480007	30	Total Chlorine Ultra Low	<0.01, 0.01, 0.015, 0.02, 0.025, 0.05 ppm
480010	50	Chlorine - Total	0, 0.05, 0.1, 0.15, 0.2, 0.5, 0.8, 1, 4, 10 ppm
481026	50	Chlorine - Free	0, 0.05, 0.1, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2, 2.6, 4, 6 ppm
480022	50	Chlorine - Free HR	0, 1, 2, 5, 10, 20, 30, 40, 80, 120 ppm
481028	50	Chlorine Dioxide	Two methods provide two ranges: 0 to 0.3, 0 to 1.6 ppm
480031	50	Chlorine Dioxide HR	0, 0.5, 2, 5, 10, 25, 50, 100 ppm
480008	50	Hardness - Total	0, 40, 80, 120, 180, 250, 425, 1000 ppm
480025	25	Iron	0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.5, 0.75, 1, 2, 5 ppm
481020	24	Manganese	0.05, 0.1, 0.2, 0.5, 1, 2 ppm
480009	50	Nitrate, Nitrite	NO ₂ : 0.15, 0.3, 1, 1.5, 3, 10 ppm NO ₃ : 0.5, 2, 5, 10, 20, 50 ppm
481234	50	Ozone	0, 0.05, 0.1, 0.2, 0.3, 0.4, 0.5 ppm
480036	50	Peracetic Acid High	0, 250, 500, 1000, 2000, >2000, >3000 ppm
480014	50	Peroxide	0, 0.5, 2, 5, 10, 25, 50, 100 ppm
481104	50	pH - Extended Range	2, 3, 4, 5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 11, 12 pH
482029	50	Total Dissolved Solids	<50, 100, 250, 500, >750 ppm

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Water Quality Test Strips

Pool & Spa

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Designed with the Pool and Spa owners in mind, Pool Check™ test strips offer quick and reliable results. Pool Check™ offers a wide range of multi-parameter tests to suit all your customers' needs.

Models:

Model	Description	No. of Tests	Testing Parameters	Ranges
481335	Pool Check™ 3in1	50	Free Chlorine	0, 0.5, 1, 3, 5, 10, 20 ppm
			pH	6, 6.4, 6.8, 7.2, 7.6, 8.2, 9 pH
			Total Alkalinity	0, 40, 80, 120, 180, 240, 360 ppm
481336	Spa Check™ 3in1	50	Total Bromine	0, 1, 3, 6, 9, 12, 20 ppm
			pH	6, 6.4, 6.8, 7.2, 7.6, 7.8, 8.2, 9 pH
			Total Alkalinity	0, 40, 80, 120, 180, 240, 360 ppm
481330	Pool Check™ 6in1	50	Free Chlorine	0, 0.5, 1, 3, 5, 10, 20 ppm
			Total Chlorine/ Total Bromine	0, 0.5, 1, 3, 5, 10 ppm
			pH	6, 6.8, 7.2, 7.6, 7.8, 8.2, 9 pH
			Total Alkalinity	0, 40, 80, 120, 180, 240, 360 ppm
			Total Hardness	0, 50, 120, 200, 400, 1000 ppm
			Cyanuric Acid	0, 50, 100, 150, 300 ppm

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Water Hardness Testing

Standard Features:

- Hardness Yes/No Tablets
- Easy to Use
- Quick Water Softener Test



Models:

Model	Description	No. of Tests
AD-1012	Palintest ^R water hardness Yes/No test tablets	250 Tablets

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Exact EZ Water Testers

Photometers

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Standard Features:

- Economical Digital Meters for Measuring Multiple Parameters
- For Pools, Process & Drinking Water
- LCD Display of Measured Value
- Easy Safe Reagent Strip Technology
- Waterproof IP67



Models:

Model	Description	Testing Parameters	Ranges	Reagent Code
486201	Exact EZ Pool Photometer	Alkalinity	10 - 200 ppm	486641
		Calcium Hardness	20 - 700 ppm	486629
		Chloride - Salt	80 - 6700 ppm	486757
		Chlorine - Free	0 - 12 ppm	486637
		Chlorine - Combined	0 - 12 ppm	486638
		Copper	0 - 9 ppm	486632
		Cyanuric Acid	1 - 110 ppm	481652-III
		pH	6.4 - 8.4 pH	486639-II
		Phosphate	0.2 - 3 ppm	486814
486203	Exact EZ Well Photometer	Alkalinity	10 - 200 ppm	486641
		Hardness - Total High	60 - 600 ppm	486656
		Iron - Total	0.03 - 8 ppm	486650
		Nitrate	0.25 - 32 ppm	486655
		pH	6.4 - 8.4 pH	486639-II
486205	Exact EZ Chlorine Plus Photometer	Total Bromine	0 - 17 ppm	486644
		Chlorine Dioxide	0 - 6 ppm	486633
		Chlorine - Free	0 - 12 ppm	486637
		Chlorine - Total	0 - 12 ppm	486670
		Chlorine - High	1 - 200 ppm	486672
		Hydrogen Peroxide	0.5 - 130 ppm	486648
		Ozone	0 - 2 ppm	486634
		Peracetic Acid	2 - 590 ppm	486675
		pH	6.4 - 8.4 pH	486639-II

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Exact Multi-Function Water Tester

Photometer

Standard Features:

- Ideal For Drinking Water, Pools, Environmental & Educational Testing
- Multiple Parameters Available
- LCD Display of Measured Value
- Bluetooth Communication



Models:

Model	Description	Testing Parameters	Ranges	Reagent Code
486700-WD Kit	Exact Micro 20 Dual Wavelength* Well Driller 525 & 638nm	Total Iron	0.03 - 6 ppm	486650
		Free Chlorine	0.01 - 6.2 ppm	486637
		Total Chlorine	0.01 - 6.2 ppm	486670
		Total Alkalinity	8 - 200 ppm	486641
		Total Hardness	60 - 600 ppm	486656
		pH	5.8 - 8.5 pH	486639
		Copper	0 - 11 ppm	486632
		Manganese	0.02 - 1.5 ppm	486606

The Exact Micro 20 Meter can be used for additional parameters by purchasing additional reagents including:

Aluminium, ammonia, calcium hardness, chloride, chlorine dioxide, cyanide, fluoride, permanganate, nitrites, nitrates, phosphates, ozone, peracetic acid, sulphates and sulphides.

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Exact iDip Tester

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Standard Features:

- Multiple Parameter Digital Tester
- Uses Exact Reagent Strips
- Bluetooth Enabled for Communication
- LCD Display of Measured Value
- Download the App from the App Store
- Transfer Test Results to Smart Phone with Date Stamp & Location
- Store Results Indefinitely
- Send Results by Text, Email etc

Models:

Model	Description
486101	iDip Tester



Pre-installed tests are total alkalinity, free chlorine, combined chlorine and pH.

Further test methods are downloaded as required from the App Store.

Tests are added to the App Store for download as they are developed.

There are over 41 parameters available.

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Exact Photometer Reagent Strips



Models:

Model	No. of Tests	Testing Parameters	Ranges
486641	100	Alkalinity - Total	10 - 210 ppm
486632	50	Copper	0 - 9 ppm
486656	50	Total Hardness - High Range	60 - 600 ppm
486629	100	Calcium Hardness	20 - 400 ppm
486757	100	Chloride - Salt	3 - 270 ppm / 50 - 5400 ppm
486633	100	Chlorine Dioxide - DPD1	0.04 - 7 ppm
486638	100	Combined Chlorine - DPD3	0.01 - 6.2 ppm
486637	100	Free Chlorine - DPD1	0 - 6 ppm
486672	50	Chlorine - High Range	1 - 300 ppm
486670	100	Total Chlorine - DPD4	0.01 - 6.2 ppm
481652-III	60	Cyanuric acid	1 - 110 ppm

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Exact Photometer Reagent Strips

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Models:

Model	No. of Tests	Testing Parameters	Ranges
486648	50	Hydrogen Peroxide	0.3 - 100 ppm
486650	50	Iron Total	0.03 - 6 ppm
486606	24	Manganese	0.01 - 1.5 ppm
486655	50	Nitrate - as NO ₃	0.01 - 30 ppm
486634	100	Ozone - DPD4	0.01 - 2 ppm
486675	100	Peracetic Acid - High Range	0.01 - 430 ppm
486639	100	pH	6.2 - 8.4 pH
486639-II	100	pH - for iDip	6 - 8.5 pH
486814	50	Phosphate	0.03 - 4 ppm

More parameters available on request.

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Handheld Tester

pH / Temperature Meter

Standard Features:

- Hand Held Tester with Built-in Temperature
- Water Resistant
- Simultaneous Temperature Display
- LCD Display
- Automatic Calibration at 4, 7, 10 pH
- Auto-off and Data-hold Function
- Low Battery Indicator
- Automatic Temperature Compensation
- 1 Year Warranty*



Measures pH & Temperature

- potable water, pools & spas, aquariums, process water.

Model:

Model	Measuring Range	Resolution	Accuracy
pH80	0 - 14 pH 1 - 55°C	0.1 pH 0.1°C	± 0.2 pH Temp ± 2%

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Handheld Tester EC / TDS / Temperature Meter

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Standard Features:

- Professional Grade Hand Held Tester
- Waterproof Housing IP67 (submersible/floats)
- LCD Display with Simultaneous Temp Reading
- Auto-off & Data-hold Function
- Low Battery Indicator
- Automatic Temperature Compensation
- Replaceable Sensor
- 1 Year Warranty*



Measures Conductivity, Total Dissolved Solids & Temperature
- potable water, wastewater, pools & spas, aquariums, process water.

Model:

Model	Measuring Range		Resolution	Accuracy
COM100	EC:	0 – 9990 µS 0 – 9.99 mS	0.1 µS (0 – 99) 1 µS (100 – 999) 10 µS (1000 – 9990) 0.01 mS (0 – 9.99)	+/- 2%
	TDS:	0 – 8560 ppm (0.7 Scale) 0 – 5000 ppm (0.5 Scale) 0 – 8.56 ppt (0.7 Scale) 0 – 5.00 ppt (0.5 Scale)	0.1 ppm (0 – 99) 1 ppm (100 – 999) 10 ppm (1000 – 8560) 0.01 ppm (0 – 8.56)	
	TEMP:	0 – 55 °C	0.1 °C	

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TDS / EC Meters

- Hand Held Tester
- LCD Display
- Hold Function
- Built-in Digital Thermometer
- Automatic Temperature Compensation
- 1 Year Warranty*



Measures Conductivity & Temperature

- potable water, pools & spas, aquariums, process water.

Model	Measuring Range	Resolution	Accuracy
TDS3	0 - 9990 ppm (mg/L) 0 - 80°C	1 ppm (0 – 999) 10 ppm (1000 – 9990) Temp 0.1 °C	± 2% (0 – 5000 ppm)
EC3	0 - 9990 µS (µS/cm) 0 - 80°C	1 µS (0 – 999) 10 µS (1000 – 9990) Temp 0.1 °C	± 2%

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In-Line TDS Monitors

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Standard Features:

- In-Line TDS Meter
- LCD Display
- 1/4 inch T-Fitting, also available 3/8 & 1/2
- Installs in Minutes
- Automatic Temperature Compensation
- 1 Year Warranty*



In-Line Total Dissolved Solids Monitor

Displays the TDS level of a single water line.
Ideal for knowing instantly if your water purification system is performing or not.

Model	Measuring Range	Resolution	Accuracy	Sensor Cable cm	Dimensions cm
SM-1	0 - 9990 ppm	1 ppm	+/- 2%	62	7.6 x 2 x 4.7

Large easy to read LCD display,
splash proof housing.



Dual In-Line Total Dissolved Solids Monitor

Displays instant TDS levels of the feed water and purified water with in & out electrode probes.
Ideal for knowing instantly if your water purification system is performing or not.

Model	Measuring Range	Resolution	Accuracy	Sensor Cable cm	Dimensions cm
DM-2	0 - 9990 ppm	1 ppm	+/- 2%	116	11.6 x 6.8 x 1.8

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Calibration & Maintenance Solutions

pH Buffer Solutions

Sensorex pH buffers. These buffers are NIST traceable and accurate to within ± 0.01 pH units at 25°C, and remain stable over long periods of time.

Model	Description	Volume ml
B104	pH4.01 buffer solution Red	473
B107	pH7.00 buffer solution Yellow	473
B110	pH10.00 buffer solution Blue	473



EMEC pH Buffer Solutions

Model	Description	Volume ml
BSA	pH4 buffer solution	50
BSB	pH7 buffer solution	50
BSC	pH9 buffer solution	50



EMEC Redox (ORP) Buffer Solution

Model	Description	Volume ml
BSD	Redox (ORP) buffer solution 650mV	50



EMEC Conductivity Buffer Solutions

Model	Description	Volume ml
BSI	Conductivity buffer solution 12880uS @ 25°C	50
BSE	Conductivity buffer solution 1413uS @ 25°C	50
BSE84	Conductivity buffer solution 84uS @ 25°C	50



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