

Complete Water Quality Laboratories

Portable Environmental Labs



DREL/2800 Complete Water Quality Laboratory

Product No. 2922400

Contains a DR 2800 portable spectrophotometer and Digital Titrator, along with the reagents and apparatus necessary to run approximately 100 tests* on 20 different parameters. Two test kit cases with molded inserts are included. One case holds the instrument and accessories, and the other case holds reagents and testing apparatus. The instrument case has additional storage space for adding optional pH meter, portable turbidimeter, and 2 probes. Case size (2 cases): 21x11.5x11" (WxDxH)

Product No. 2951500

DREL/2700 Complete Water Quality Laboratory contains the same products as the DREL/2800 (above), but with a DR 2700 Portable Spectrophotometer (Compatible with all Hach chemistry platforms, except TNTplus).

DREL/2800 Complete Water Quality Laboratory, with Meters

Product No. 2922600 (Shown above.)

Contains a DR 2800, Digital Titrator, sensION™ 156 pH/conductivity meter, 2100P Portable Turbidimeter, a Platinum series pH electrode, and a conductivity probe along with the reagents and apparatus necessary to run approximately 100 tests* on 20 different parameters. One case holds the instrument and accessories, and the other case holds reagents and testing apparatus. The instrument case has storage space for the included pH meter, portable turbidimeter, and 2 probes. Case size (2 cases): 21x11.5x11" (WxDxH)



Complete Water Quality Laboratories

DREL/2800 and DREL/2700 Complete Water Quality Laboratories

Parameters	# of Tests*	Range
Acidity†	40 - 100	10–4000 mg/L
Alkalinity†	40 - 100	10–4000 mg/L
Ammonia	100	0.01–0.50 mg/L
Bromine	**	0.05–4.50 mg/L
Calcium†	40 - 100	10–4000 mg/L
Chloride†	40 - 100	10–10,000 mg/L
Chlorine, Free & Total	100 (F) 100 (T)	0.02–2.00 mg/L
Chromium 6+	100	0.010–0.700 mg/L
Color	Unlimited	15–500 units
Copper	100	0.04–5.00 mg/L
Hardness†	40 - 100	10–4000 mg/L
Iodine	**	0.07–7.00 mg/L
Iron	100	0.02–3.00 mg/L
Manganese	100	0.1–20.0 mg/L
Nitrate	100	0.1–30.0 mg/L
Nitrite HR	100	2–250 mg/L
Nitrite LR	100	0.002–0.300 mg/L
pH (test strips)	50	4–9 pH (Steps: 4, 5, 6, 7, 8, & 9)
Phosphate, Total‡	100	0.02–2.50 mg/L
Phosphate, React	100	0.02–2.50 mg/L
Silica HR	100	1–100 mg/L
Silica LR	100	0.020 - 1.600 mg/L
Sulfate	100	2–70 mg/L
Sulfide	100	5 – 800 µg/L
Sulfite†	40 - 100	—
Suspended Solids	Unlimited	5 – 750 mg/L

*The titration methods may yield between 40 and 100 tests depending on amount of titrant used.

**Bromine and Iodine tests use the same reagents as the Chlorine tests.

†Titration Method.

‡Requires additional heating apparatus. See page 305 for Heatab Cookit Kit (Prod. No. 220600) and other heating accessories.

EACH LABORATORY CONTAINS:

DR 2800 Spectrophotometer, Rechargeable Battery, 1" Matched Glass Sample Cells, Instrument Case, Reagent/Apparatus Case, Reagent Set, Apparatus Set, Cell Adapters, Power Supply.

Prod. No. Description

COMPLETE WATER QUALITY LABORATORY

2922400	DREL/2800 Complete Water Quality Laboratory
2922600	DREL/2800 Complete Water Quality Laboratory With Meters: pH meter: SensION 156 (pH, conductivity, DO), Turbidimeter: 2100P portable turbidimeter, SensION accessory kit, Electrode, pH: SensION Platinum Series Conductivity probe
2951500	DREL/2700 Complete Water Quality Laboratory
2923200	Replacement Reagent Set for 2922400, 2922600, and 2951500
2923400	Replacement Apparatus Set for 2922400, 2922600, and 2951500

ACCESSORIES

5839700	DR 2800 or DR 2700 Carrying Case
5839100	DREL Apparatus and Reagents Case
5838500	DREL Instruments Case

EACH DREL/2800 AND DREL/2700 LABORATORY ALSO CONTAINS:

Apparatus Set (items can be ordered separately)

2299442	Beaker, 50 mL (2)
1704200	Bottle, mixing, 25 mL (2)
69000	Brush (1)
108141	Cylinder, grad 50 mL (1)
108140	Cylinder, grad poly 25 mL (1)
1720500	Delivery tubes - Dig Tittr pk/5
1690002	Digital Titrator (1)
2124720	Dropper pk/20 (1)
4530700	Electrode Holder (1)
4530600	Electrode Holder Rod (1)
50546	Flask, Erlenmeyer 250 mL (2)
50541	Flask, Erlenmeyer 50 mL (2)
1690008	Manual, Digital Titrator (1)
209738	Pipet, 10 mL (2)
1465100	Safety Bulb (1)
2552200	Sample container (4)
2369400	Shears (1)
173106	Stopper, for 18 mm tube pk/6 (1)
187701	Thermometer (1)