

Shallow Water Outfit

Grades 5 and up

Order Code 5854-01 R1 (9)

Reagent Refill R-5854-01 R1 (2)

Too Shallow for a Secchi Disk? Turbidity is easily measured using a standardized turbidity reagent to match the turbidity of a water sample. All the necessary apparatus and reagents needed to test 4 basic water quality test factors are included. Economical reagent refill packages are available.

Factor	Test Method	Range/Sensitivity
Temperature	Thermometer	-5° to 45° C/0.5 increments
pH	2 Octet Comparators	pH 3.0-10.5/0.5 increments
Turbidity	Drop Count	0-200 JTU/5 JTU increments
Dissolved Oxygen	Direct Reading Titrator	0-10 ppm O ₂ /0.2 ppm increments



Code 5854-01

Tidal Water Outfit

Grades 5 and up

Order Code 5857 R1 (10)

Reagent Refill R-5857 R1 (3)

Compare specific gravity of varying concentrations of salt water to freshwater by using a hydrometer and a clear, acrylic hydrometer jar. Turbidity is measured by "Secchi depth," using a 20 cm diameter, black and white Secchi disk and calibrated line. All the necessary apparatus, reagents, and detailed instructions to test 5 basic water quality factors are included. All fit securely within a foam insert and are housed in a rugged field carrying case. Economical reagent refill packages are available.

Factor	Test Method	Range/Sensitivity
Dissolved Oxygen	Direct Reading Titrator	0-10 ppm O ₂ /0.2 ppm increments
Temperature	Thermometer	-5° to 45° C/0.5 increments
pH	2 Octet Comparators	pH 3.0-10.5/0.5 increments
Secchi depth	Secchi Disk	0-20 m/0.5m increments
Salinity	Hydrometer	1.0000 to 1.0700 SG/0.0005 increments; 0.0 ppt to 43.6 ppt salinity/0.2 ppt increments



Code 5857

Deep Water Outfit

Grades 5 and up

Order Code 5855 R1 (8)

Reagent Refill R-5855 R1 (8)

Go Deep! Ideal for testing vertical "layers," stratified lakes, or for performing a comprehensive survey of deep waters. Turbidity is measured by "Secchi depth," using a 20 cm diameter, black and white Secchi disk and calibrated line. All the necessary apparatus and reagents to test 4 basic water quality factors and detailed instructions are included. Economical reagent refill packages are available.

Factor	Test Method	Range/Sensitivity
Temperature	Thermometer	-5° to 45° C/0.5 increments
pH	2 Octet Comparators	pH 3.0-10.5/0.5 increments
Secchi depth	Secchi Disk	0-20 m/0.5m increments
Dissolved Oxygen	Direct Reading Titrator	0-10 ppm O ₂ /0.2 ppm increments



Code 5855