



LaMotte

Combination Soil Test Sets With Soil Booklets

3063

Two kits from which to choose.

Choose from two inexpensive combination soil test kits for measuring pH, nitrogen, phosphorus, and potassium. Easy, step-by-step instructions for test procedures. Measurements are made in graduated plastic test tubes. Test result readings are measured against mylar-laminated color charts.

Results: High, Medium, Low. Two booklets, "A Study of Soil Science" and the "LaMotte Soil

Handbook," provide background information and data for interpretation of test results.

30 pH, 15 nitrogen, 20 phosphorus, 15 potassium, 6 test tubes with stand, 2 booklets and polypropylene case **A** 3.25 lbs. **77170**

60 pH, 30 nitrogen, 40 phosphorus, 30 potassium, 10 test tubes with stand, 2 booklets and polypropylene case **A** 8.75 lbs. **77172**



LaMotte

Model AM-31 Soil Test Kit

3062

All the essential materials for establishing an accurate, detailed soil evaluation program.

Individual modules of chemical test equipment provided for soil pH, nitrogen, phosphorus, and potassium. **Results:** lbs./acre. Each module includes detailed instructions and sufficient reagents for making 50 tests. Also contains LaMotte Soil Texture and Classification Unit, soil sampling tube, and soil sampling bags. Soil science handbook and complete instructions included. Materials are arranged in lightweight carrying case.

LaMotte Model AM-31 Soil Test Kit **H** 16.25 lbs. **77173**

Refill – provides reagents for 50 tests **H** 6.75 lbs. **77174**

LaMotte® Soil Analysis Kit

3065

Designed to help you maintain balanced fertility levels in agricultural soils.

Tests for nitrate nitrogen, potassium, phosphorus, magnesium, manganese, aluminum, sulfates, ammonia nitrogen, nitrate, nitrogen, chlorides, ferric iron, calcium, humus, and pH. Contains solutions and equipment for 50 tests for each element and 100 tests for pH. **Results:** ppm. Major element qualitative tests can be performed on green plant tissue for nitrogen, phosphorus, and potassium. Complete instructions included.

LaMotte Soil Analysis Kit **H** 19 lbs. **77070**

Refill Package **H** 8.5 lbs. **77069**

LaMotte® Model AM-32 Soil Test Kit

3064

Test for nine important factors in plant nutrition.

Provides four individual modules of test equipment covering nine test factors important in plant nutrition. **Module A:** calcium and chlorides. **Module B:** ammonia and nitrite nitrogen. **Module C:** magnesium and manganese.

Module D: iron, aluminum, and sulfate. Reagents provided for making 50 tests on each factor. **Results:** ppm. Soil science handbook and complete instructions included. All materials supplied in lightweight carrying case.

LaMotte Model AM-32 Soil Test Kit **I** 17.25 lbs. **77175**

Refill – provides reagents for 50 tests **I** 13.75 lbs. **77176**



LaMotte

Soil Texture Unit

3066

Classify soils according to their clay-silt-sand composition.

Included are three calibrated conical tubes with a stand, in addition to dispersing reagent and flocculating reagent that work together to speed settling of finely divided particles. Instructions explain method for breaking down soil samples into sand, silt and clay fractions. "A Study of Soil Science" provides background information on weathering and its relationship to soil formation. Provides for 50 tests.



Texture Kit 1.5 lbs. **77330**

Refill – provides reagents for 50 tests 6 oz. **77331**

H Hazardous Materials. Requires additional shipping charge. See Shipping Information for details.

A Extra Charge if Shipped by Air. See Shipping Information for details.

I Extra Charge if Shipped by International Air. See Shipping Information for details.

LaMotte Deluxe Turf Lab

3067
Features colorimetric tests for pH, nitrogen, phosphorous and iron.

Each test uses clear liquid extract which is measured against translucent color standards in an OctaSlide Comparator. Potassium is analyzed by using a direct-reading turbidity tube, while calcium and magnesium tests are performed with a direct-reading titrator. For evaluation of clay, silt and sand fractions, a soil texture test is included. Soil temperature is measured by a bi-metallic dial thermometer with 5-inch stem. Other items included are a foam-lined ABS plastic carrying case, pad of soil report forms, soil sampling bags, LaMotte Soil Handbook, and a 6-inch brass soil sampler that removes 3/8" core samples from the turf. Complete instructions included.

Deluxe Turf Lab	H	23.25 lbs.	77354
Reagent Refill	H	9.25 lbs.	77223

	Test	# of Tests	Range
OctaSlide Comparator Tests	pH	100	pH 4.5 to 8.0
	Nitrogen	50	10 to 150 lb./acre
	Phosphorus	50	15 to 150 lb./acre
	Iron	50	1.25 to 25 ppm
Direct Reading Titrator	Calcium	50	0 to 200 ppm
	Magnesium	50	0 to 120 ppm
	Turbidity Tube Test		
	Potassium	50	Low to High and lb./acre
Soil Texture Unit	Classification Tests	50	Clay-Silt-Sand
	Composition		
	Soil Temperature		0°F to 220°F (-10°C to +100°C)

Hellige-Truog Soil Reaction/pH Test Kit

3068
Exceptional accuracy for any type of soil – sand, clay or peat.

Measure soil pH from 4.0 to 8.5 in 0.5 pH increments. Inert white powder draws special pH reagent to soil surface for positive comparison to color chart (supplied). White powder covers soil sample to eliminate soil color from interfering with pH reagent color. Contents sufficient for 200 tests. Complete in plastic box.

Hellige-Truog Soil Reaction/pH Test Kit	A	8 oz.	77181 3+
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Reagent M Powder Refills

30g for 200 tests	3 oz.	77182
100g for 660 tests	9 oz.	77183
500g for 3,300 tests	2 lbs.	77184

Reagent N Solution Refills

1 oz. for 200 tests	A	1.75 oz.	77185
4 oz. for 800 tests	A	5 oz.	77186
16 oz. for 3,200 tests	A	1.25 lbs.	77187

Lead Alert™ Surface Lead Test Kit

3343
Approved for use by OSHA inspectors.

This lead test kit is great for testing for lead in paint, dust, soil, plumbing and other materials. Just apply the non-toxic leaching solution to the tip of an applicator and rub the surface to be tested. Then, rub the applicator on a circle of a test card. Pink to red colors indicate lead is present in amounts greater than the federal limit of 1 mg/cm² or 0.5%. Forty tests may be taken with the kit which includes two test cards, two bottles of leaching solution, 20 abrasive strips, 24 collection swabs, two positive control strips, 20 plastic vials, 20 plastic rods, 25 collection papers, and a quality control sheet to ensure accurate results.

Lead Alert Surface Lead Test Kit		8 oz.	78024
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M Metric

H Hazardous Materials. Requires additional shipping charge. See Shipping Information for details.

A Extra Charge if Shipped by Air. See Shipping Information for details.



LaMotte Soil N-P-K Kit

6013

Specified in The GLOBE™ Program

Determine the high/medium/low concentrations of nitrogen, phosphorus, and potassium in soil. Includes enough TesTab tablet reagents to run 50 tests each for nitrogen, phosphorus and potassium; 1 extraction tube; 3 capped test tubes; 1 eyedropper; laminated comparison color chart; MSDS sheets; and instructions. GLOBE™ Program specified.

LaMotte Soil N-P-K Kit		8 oz.	77960
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LaMotte Imhoff Cone And Stand

3319

Use in determining the settleability of sediment in water.

Constructed of impact-resistant plastic, this clear, conical tube is calibrated 0 to 1000 ml. Furnished with a sturdy wooden stand, a long plastic stirring rod, and a plug at the tip of the cone which allows the removal of sediment.

LaMotte Imhoff Cone and Stand		6 lbs.	M 76917
Replacement Imhoff Cone		5.25 lbs.	M 76918

