

Testing Standards

ASTM D4318, D427, AASHTO T89, T90, T92



CL-209

CL-251

CL-255

CL-209 Liquid Limit Set

Function Determines percentage of moisture needed for liquefaction of soil samples.

Testing Standards ASTM D423, D4318, AASHTO T89

Specifications

CL-204 Standard Liquid Limit Device with Counter, Mechanical automatically records number of cup impacts.

CL-218 AASHTO Grooving Tool, Cuts measurable groove in soil sample in liquid limit cup. 1 cm square block serves as gauge for setting height of cup drop. Made of brass.

CL-217 ASTM Grooving Tool, Cuts measurable groove in soil sample in liquid limit cup. One cm thick pad, made of brass.

G-18 100 cc Glass Measuring Cylinder.

G-52 Mixing Dish, Porcelain construction, 125 mm diameter.

LT-30 Moisture Content Can, 3 oz capacity with cover, made of aluminum.

P-85 Spatula, 4" Blade made of stainless steel and wooden handle.

CL-251 Plastic Limit Set

Function Measures percentage of water required for reaching plastic limit of soil sample.

Testing Standards ASTM D424, D4318, AASHTO T90

Specifications

CL-250 Plastic Limit Plate, Made of glass, 150x150 mm x 10 mm thick.

G-16 25 ml Glass Measuring Cylinder.

G-52 Mixing Dish, Porcelain construction, 125 mm diameter.

LT-30 Moisture Content Can, 3 oz capacity with cover, made of aluminum.

P-85 Spatula, 4" Blade made of stainless steel and wooden handle.

CL-255 Shrinkage Limit Set

Function Measures shrinkage of soil sample after drying.

Testing Standards ASTM D427, AASHTO T92

Specifications

G-52 Mixing Dish, Porcelain construction, 125 mm diameter.

CL-256 Monel Shrinkage Dish, Mold for soil sample flat bottom; straight sides; 40 mm.i.d.x 12 mm h.made of stainless steel.

CL-257 Crystallizing Dish, Container for the dry soil pat., flat bottom, straight sides made of glass.

G-16 25 ml Glass Measuring Cylinder.

CL-258 Shrinkage Prong Plate, Immerses soil pat into mercury bath without disturbing the mercury. 1/8" thick plastic; mounted with 3 prongs.

CL-255 Mercury, 1 kg/bottle.