



LIQUID LIMIT: casagrande method

STANDARDS: ASTM D4318 / AASHTO T89 / BS 1377:2
UNI 10014 / NF P94-051 / UNE 7377, 7002

Used to evaluate the relationship between the moisture percentage of a soil sample and the number of blows required to close a groove made into the soil; and therefore to determine when a clay soil changes from a plastic to a liquid state.

The unit comprises a removable brass cup which through a cam device drops on a bakelite base (or hard rubber base). Supplied complete with drops counter, but without grooving tool which has to be ordered separately.

The instrument is available in two versions:

- hand operated through crank (left or right side)
- motor operated at 120 drops/min speed, ensuring better uniformity and accuracy

MODELS:

S170

Liquid limit device

Hand operated with "left side crank" and hard rubber base.

STANDARDS: ASTM D4318 / BS 1377:2 / AASHTO T89
UNE 7377 / UNI 10014

Weight: 3 Kg

S170-05

Liquid limit device

Hand operated with "right side crank" and hard rubber base.

STANDARDS: ASTM D4318 / BS 1377:2 / AASHTO T89
UNE 7377 / UNI 10014

S170-01

Liquid limit device

Hand operated with bakelite base, chromed cup.

STANDARD: NF P94-051

Weight: 3 Kg

S172

Liquid limit device

Motor operated with hard rubber base.

STANDARDS: ASTM D4318 / BS 1377:2 / AASHTO T89
UNE 7377 / UNI 10014

Power supply : 230V 1ph 50Hz

Weight: 4,5 Kg



S172-01

Liquid limit device

Motor operated with bakelite base, chromed cup.

STANDARD: NF P94-051

Weight: 4,5 Kg

ACCESSORIES:

S173-02 Rough brass cup, with central smooth band 10 mm wide, as requested by NF P94-051 Standard, used for soils having low plasticity

S173-03 Grooving tool, to UNI 10014 - AASHTO T79 Spec.

S173-04 Grooving tool, to ASTM D 4318 Specifications

S173-05 Grooving tool, to NF P94-051 Specifications

S173-06 Grooving tool, to BS 1377 Specifications



SPARE PARTS:

S173-01 Brass cup.

S173-07 Chromed cup (NF)

S173-08 Coupling piece between cup and device, hand operated models

S173-09 Coupling piece between cup and device, motor operated models



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