

Liquid limit devices (Casagrande)

BS 1377-2 | ASTM D4318 | NF P94-051 | UNE 7002 | UNE 7377

GENERAL DESCRIPTION

Used to determine the moisture content at which clay soils pass from a plastic to a liquid state.

Comprises: removable brass cup, adjustable crank and cam mechanism, blow counter, and base. Different versions are available conforming to the various Standards in use. They are identical in shape and differ, generally, from the type of base and weight of the cup. Furthermore all versions are available either manually or motor operated. The grooving tools, which also refer to the different Standards, are not included and have to be ordered separately.

Weights approx.:

- Standard versions 2 kg
- Motorized versions 4 kg

ORDERING INFO

22-T0030/E

Liquid limit device, BS 1377-2 version

22-T0030/F

Liquid limit device, ASTM D4318, AASHTO T89, UNE 7377, UNI 10014, version

22-T0030/G

Liquid limit device, NF P95-051 version

22-T0031/E

Motorized liquid limit device, BS 1377-2 version. 230 V, 50 Hz, 1 ph

22-T0031/F

Motorized Liquid limit device, ASTM D4318, AASHTO T89, UNE 7377, UNI 10014, version. 230 V, 50 Hz, 1 ph

22-T0031/FZ

Motorized Liquid limit device, ASTM D4318, AASHTO T89, UNE 7377, UNI 10014, version. 110 V, 60 Hz, 1 ph

22-T0031/FY

Motorized Liquid limit device, ASTM D4318, AASHTO T89, UNE 7377, UNI 10014, version. 220 V, 60 Hz, 1 ph

22-T0031/G

Motorized liquid limit device, NF P95-051 version. 230 V, 50 Hz, 1 ph

ACCESSORIES

Grooving tools and relevant Standards

Model	For Liquid limit device	Standards
22-T0032/A	22-T0030/G 22-T0031/G	NF P95-051
22-T0032/P	22-T0030/E 22-T0031/E	BS 1377-2
22-T0032/AP	22-T0030/F 22-T0031/F	ASTM D4318 AASHTO T89 UNE 7377
22-T0033	22-T0030/F 22-T0031/F	UNI 10014

Spare parts and Roughened cup

22-T0034

Spare brass cup. For all models.

22-T0034/1

Roughened cup according to NF and DIN Standards. Suggested for sandy/silty clays. Fit all models.

Other general lab equipment to perform the test

22-T0040/4

Glass plate 500x500x10 mm

86-D1630

Flexible spatula 100 mm long

86-D1631

Flexible spatula 160 mm long

86-D1537

Wash bottle 500 ml cap.

86-D1171/A

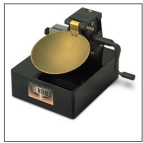
Porcelain dish 120 mm dia.

82-D1329

Moisture content tin 75 mm dia. x 30 mm



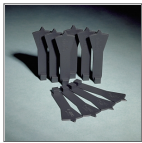
22-T0031/E



22-T0030/E



Liquid limit device, 22-T0030/F



22-T032/AP



22-T0032/P



22-T0032/A



22-T0033, 22-T0034/1