

## LIQUID LIMIT DEVICE (Casagrande Method)

Code : T030



- Used to determine the moisture content at which soil passes from plastic to liquid state. This feature is very important in specifying the type of the soil, moreover, in determining the other parameters that relay on the soil type.
- Includes a cup that drops on a hard rubber base. It is also equipped with a drop counter.
- The grooving tool is supplied with the equipment (Testing standard is to be specified at the time of order).
- Various versions are available to comply with the different standards currently in use. They all share a similar specifications but primarily vary in terms of the base type and weight of the cup.
- Comprised of:
  - Hard rubber base
  - Brass cup
  - Cam mechanism (Either manual or motor-driven)
  - Blow counter
  - Grooving Tool (According to the related standard)

- Used with Plastic Limit Test to calculate Plasticity Index

**STANDARDS**

ASTM D4318 • AASHTO T89 • EN ISO 17892-12 • BS 1377:2 • NF P94-051

**SUPPLIED WITH**

- Grooving Tool

**SET**

Item	Standard	Cup	Grooving Tool
LIQUID LIMIT DEVICE (Casagrande Apparatus) - ASTM	ASTM D4318	Smooth Brass Cup	ASTM, Plastic
LIQUID LIMIT DEVICE (Casagrande Apparatus) - AASHTO	AASHTO T89	Smooth Brass Cup	AASHTO, Metal
LIQUID LIMIT DEVICE (Casagrande Apparatus) - BS	BS 1377:2	Smooth Brass Cup	BS, Metal

**ORDERING INFORMATION**

Item	Code
LIQUID LIMIT DEVICE (Casagrande Apparatus) - ASTM	T 030 H01A H
LIQUID LIMIT DEVICE (Casagrande Apparatus) - AASHTO	T 030 H02A H
LIQUID LIMIT DEVICE (Casagrande Apparatus) - BS	T 030 H00B H
MOTORIZED LIQUID LIMIT DEVICE - ASTM	T 030 M01A T
MOTORIZED LIQUID LIMIT DEVICE - ASTM [60 Hz]	T 030 M01A K
MOTORIZED LIQUID LIMIT DEVICE - AASHTO	T 030 M02A T

MOTORIZED LIQUID LIMIT DEVICE - AASHTO [60 Hz]	T 030 M02A K
MOTORIZED LIQUID LIMIT DEVICE - BS	T 030 M00B T
MOTORIZED LIQUID LIMIT DEVICE - BS [60 Hz]	T 030 M00B K
GROOVING TOOL for LIQUID LIMIT DEVICE (Metal) - ASTM	T 030 P002 H
GROOVING TOOL for LIQUID LIMIT DEVICE (Plastic) - ASTM	T 030 P006 H
GROOVING TOOL for LIQUID LIMIT DEVICE (Metal) - AASHTO	T 030 P001 H
GROOVING TOOL for LIQUID LIMIT DEVICE (Metal) - BS	T 030 P003 H
SMOOTH BRASS CUP for LIQUID LIMIT DEVICE	T 030 P005 H
ROUGH BRASS CUP for LIQUID LIMIT DEVICE	T 030 P004 H
RESILIENCE TESTER for T030 - ASTM	T 030 P008 H
RESILIENCE TESTER for T030 - AASHTO	T 030 P009 H

**OTHER PHOTOS**

