

Equi-pf

Automated Soil Moisture Release Curve Apparatus

Specifications:

Power Supply	Universal Power Supply for 100 to 260 volt, 50/60 Hz Operation, 50 watts
Dimensions (mm)	1650 (height) x 350 x 350
Weight	23 kg
Operator Interface	LCD screen on instrument indicates test progress and interim results. Main operator interface is a Personal Computer.
Communications	RS232 link to PC for test setup and display & archiving of test results
Measurement Range	0 to 1000mm
Tension increments	Up to 50 steps per test, each step adjustable in 1mm increments, 1 – 1000mm
Outflow measurement accuracy	0.1 ml
Number of samples per test	1
Time per test	Dependent on sample type; a coarse sand may take a few days; heavier soils several days.
Number of wetting and drying cycles	1 to 4
Environmental	Operating temperature: 0 to 40°C Maximum humidity: 95% RH (non-condensing)

Soil Moisture Measurement System and Method, NZ patent No. 519609 and United States patent application No. 10/518,282).

STREAT
INSTRUMENTS

Streat Instruments Limited
PO Box 24071
Bromley
Christchurch
New Zealand

Ph: +64 3 384 8900
Fax: +64 3 384 8901
E-mail: mail@streatsahead.com
Web: www.streatsahead.com