



SOIL RETAINER ASSEMBLY

- The preferred way to handle undisturbed or prepared soil samples for water retention studies
- Simple construction and easy maintenance
- Transport samples to and from weighings without disturbance

FEATURES

These useful assemblies are used in conjunction with sampling equipment using "undisturbed" soil samples or prepared samples for discrete determination of soil water retention characteristics. The unit consists of a 1/4 in. x 2-1/4 in. ceramic plate with stainless steel tie downs, clear plastic cover and 3 cm long brass sampling cylinder (Model 0206L03).

TYPICAL APPLICATIONS The 0676 allows researchers to measure a single sample over extended pressure ranges in conjunction with moisture retention measurements. Once wetted to saturation, the sample within the brass cylinder can easily be placed on an intermediate particle bed covering the pressure plate cell and pressurized to a specific value. Upon reaching a state of equilibrium, the extractor is opened and the sample retainer assembly is weighed and then returned to the extractor for the next pressure value. This method allows the researcher a quick and repeatable way to measure the same sample accurately over numerous pressure values. It eliminates the need for large quantities of replacement samples for each pressure value.

0676 CERAMIC							
Air Entry Value	Dimensions/Tolerances						Part Number
	Diameter)		Thickness		Weight		
	inches	cm	inches	cm	oz	gms	
1 bar Std	2.25	5.72	1.50	3.81	4.64	130	0676