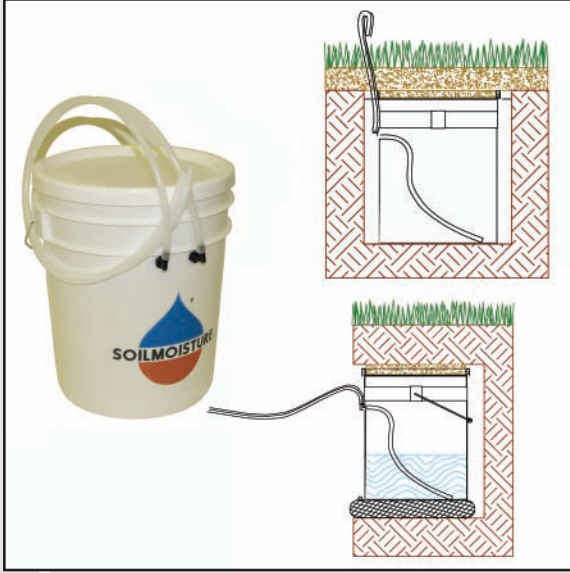


1960 PAN LYSIMETER

Saturated Soil - Drainage Sampling



A Pan Lysimeter (pore water sampler) is the perfect device for taking samples in conditions of soil saturation and subsequent drainage conditions. Placed near surface or at some depth it provides a good way to collect soluble agrochemical surface residue, near surface salt accumulations (created over the dry season), or in gaining a better understanding of the infiltration properties of a particular soil type under high flow conditions. Top screen allows for placement of cover crop, etc. over the collection bucket. Easy access provided by "flush & sample removal" access tubes to the surface. The Pan Lysimeter requires minimum maintenance after installation. For the best results, the lysimeter should be checked and pumped on a regular basis.

SPECIFICATIONS:

1960 PAN LYSIMETER Diameter 12" (30.5 cm), Height 15" (38.1 cm)
Weight 2.6 lbs. (1.2 kgs) Volume 5 gal (15L)

SOIL WATER SAMPLING ACCESSORIES

2005G2 & 2006G2 HAND PUMPS

Portable hand pumps for vacuum and pressure availability in the field



Model 2006G2

Model 2005G2

In using the variety of our 1900 series soil (pore) water samplers one needs to have a reliable vacuum source. Many times you need to have it working now, without failed batteries, or line voltages for motorized units. In those cases we have several alternatives to meet those needs. The 2005G2 is a hardy small hand operated vacuum pump (with vacuum gauge) for creating the necessary vacuum (up to -80 cb or -80kPa vacuum) within a sampler and also useful in the extraction of solution from the samplers having a 6 cu in (100ml) volume stroke capacity. Recommended for 1900 Series Samplers. The Model 2006G2 is a very sturdy and rugged foot held hand pump when you want move a volume of air (28 cu in - 500ml) per stroke. The 2006G2 provide up to 75 psi (500kPa) pressure and a -90cb or -90kPa vacuum. Recommended for the 1920 -1942 series samplers. Both vacuum pumps are constructed of non-ferrous metals, plastics and laminates that assure years of functionality in wet and dirty field conditions. You may want to consider the 1900K3 Extraction Kit as an accompaniment (see soil water sampler accessories)

SPECIFICATIONS:

2005G2 VACUUM HAND PUMP 10 in (25.4 cm) Long X 1.2 in (3.05 cm) Dia.
Weight 1.25 lbs. (.57 kgs)
2006G2 VACUUM HAND PUMP 22 in (55.8 cm) Long X 1.5 in (3.81 cm) Dia.
Weight 6.3 lbs. (2.85 kgs)