

# Soil Water Sampling Lysimeters

ICT International Pty Ltd has a complete line of Soil Water Samplers for collecting in situ samples from both saturated and unsaturated soils for a variety of soil moisture monitoring work: for example soil fertility management, groundwater protection, vadose zone monitoring, sanitary landfills and areas using reclaimed or recycled water.



## Slim Tube Soil Water Sampler

Similar in size to a tensiometer and used for extracting pore liquid samples for soil fertility management in commercial and research applications.



## Pressure/Vacuum Soil Water Sampler

Widely used for vadose zone monitoring in environmental and pollution monitoring applications.



## Large Volume Sampler

Installed to 2 meters depth to extract pore liquid from soils irrigated with wastewater.



## Ultra Soil Water Sampler

Where samples are collected to detect concentrations of organic solutes or pesticides in the parts per billion range.



## Hi Pressure/Vacuum Soil Water Sampler

Rugged design permits the flow of water from the soil into the upper chamber inside the sampler when a vacuum is applied. Two stainless steel check valves protect the ceramic cup from over pressurisation or forcing the collected sample back into the soil.



## Soil Water Sampling Plate

Designed for use in areas of low suction for near surface sampling or sample recovery in larger volumes such as under soil columns in laboratory research. When suction values are at field capacity water moves in under gravity; at higher values a vacuum must be applied to collect samples.



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