

SOIL SOLUTION ACCESS TUBES (SSAT)

SSAT's are suction lysimeters designed to allow easy extraction of soil water directly from the root zone for analysis. Constructed from similar materials to our IRRROMETER tensiometers, the SSAT is installed in the soil at the desired sample depth. After an irrigation, a vacuum is applied using a syringe or hand pump, allowing the SSAT to collect water from the soil. A syringe is then used to extract the collected sample, to be analyzed in the field or lab for accurate information about available soil nutrients.

Options:

- Standard ceramic tip (most soils)
- Low Tension (LT) tip for sandy soils and other media
- Double suction line for longer tubes (48" (120cm) and longer)
- Available in standard lengths of 6, 12, 18, 24, 36, 48, 60 & 72 inches (15, 30, 45, 60, 90, 120, 150, 180 cm)



Specifications:

MATERIALS: C.A.B. body, Ceramic tip, EPDM stopper, FPVC tubing, PVDF fittings

TIP: SR (white), LT (blue)

WARRANTY: One year

WEIGHT: 12" (30cm)- 0.254 lb. (0.115kg). Weight increases 0.252 lb. (0.114kg) per ft.

DIMENSIONS: 6" (15cm) to 72" (180 cm) len, .875" (22 mm) dia

Accessories:

DS-50CC	Extraction Syringe - can be used to generate vacuum on 12" or shorter SSAT
1002-SSAT	Hand Vacuum Pump - Pump with gauge for generating required vacuum
SLA	Replacement suction line assembly with stopper and valve
SLT	Replacement suction line

Ordering Information:

PN: A (length in inches)-C-(LT Option)-(DBL Option)

Examples:

A12C	Standard 12" (15cm) SSAT
A18C-LT	Low Tension 18" (30 cm) SSAT
A48C-DBL	Standard 48" (120cm) with double suction line