

ASD Leaf Clip

<u>Description</u>	<u>Qty</u>	<u>Part Number</u>
Plant Probe	1	A122317
Leaf Clip	1	A122325
Background Standard—white	8	145382
Background Standard—black	8	145381

Instructions

Attaching the Leaf Clip Accessory to the Plant Probe

Twist Probe Grip counter clockwise until it separates from the Probe Housing. Be careful not to lose the two Belleville washers, one in front and one behind the Ferrule. (*Exhibit 1*)

With the Ferrule and Belleville washers in place, insert the grip thru the Leaf Clip Base and twist into the Probe Housing as illustrated. (*Exhibit 2*) Note the Probe power on switch is positioned towards the Leaf Clip Extension.

Replacing Background Standards

Both the white and black background standards are recessed .030" to minimize contamination from repeated contact by samples being measured. Over time, contamination will occur and it will be necessary to replace these standards. Contact Analytical Spectral Devices for replacement background standards.

To replace a background standard pull the Leaf Clip barrel up, turn 90-degrees and release as shown. (*Exhibit 3*) Two small background extraction holes, one for the white and one for the black, are located just inside the larger hole located on top of the barrel. Push a paperclip or toothpick (with the sharp point removed) thru these holes to extract backgrounds.

Using the Background Standard Barrel

To swap from one background standard (black or white) to the other, pull the barrel up, turn 180-degrees and release.

Using the Trigger

The trigger mechanism is designed to close on samples from .000 to .400 inches thick. Samples up to 1/4" thick can be held in place and locked into position without damage to the trigger components. Simply pull the trigger up and slip into the left slot to lock trigger and keep samples in place. (*Exhibit 4*)

Mounting the Leaf Clip to a Tripod

The Leaf Clip is designed to mount to most tripods. A tripod thread insert is located on the bottom of the Leaf Clip base as illustrated. (*Exhibit 2*)

