

# Soil Sampling Tools 5035

## Lock N' Load™ Handles and Syringes

The Lock N' Load™ handle and soil syringe system is the easiest way to collect undisturbed, measured soil cores for field preservation techniques for EPA Method 5035.

Lock N' Load™ Handle and Syringes can also be used in the lab. They are great for subsampling from brass sleeves or soil jars to 40 mL vials or auto-sampler extraction.

### FEATURES

- Handle locks at 5 and 10 gram settings with one easy turn.
- Beveled edge syringe is stronger than cut syringes and fits in the neck of 40 mL glass vials.
- Turn handle and push to dispense soil into the vial. Soil dispensing is done without having to remove the syringe.
- Strong, Accurate, Easy and Economical
- Handles and Syringes sold separately
- Lock N' Load™ Syringes are packaged 50/case



Lock N' Load handle and soil syringe

### OPERATION

**S.O.P. For taking field soil samples or sub-sampling in the lab:**

1. Insert Lock N' Load™ Syringe into Lock N' Load™ Handle at base opening. Turn the locking portion of the syringe into the 0 gram setting. Remove end cap from the Lock N' Load™ Syringe. Position the Lock N' Load™ Handle to the desired soil sample volume (5 grams or 10 grams)\*. To do this, slide the slot portion of the handle down the fitted track, then turn the handle ¼ turn right at the desired setting. Push the syringe into the soil until the plunger portion of the syringe makes contact with the base of the Lock N' Load™ Handle. Transfer the soil from the syringe into a 40 ml vial\*\* by turning the Lock N' Load™ Handle ¼ turn left (back to the fitted track) and pushing down
2. Cap the vial and store the sample at 4°C until time of analysis.

\*USEPA Method 5035 recommends 5 grams of soil for low level analysis (with 5 mL of sodium solution) and 10 grams of soil for medium to high level analysis (with 10 mL of methanol). Sample amounts and preservative types may vary between regulatory agencies.

**CALL GEOTECH TODAY (800) 833-7958**

Geotech Environmental Equipment, Inc.  
 2650 East 40th Avenue • Denver, Colorado 80205  
 (303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242  
 email: sales@geotechenv.com website: www.geotechenv.com