



Quality Environmental Containers

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Sampling Procedures

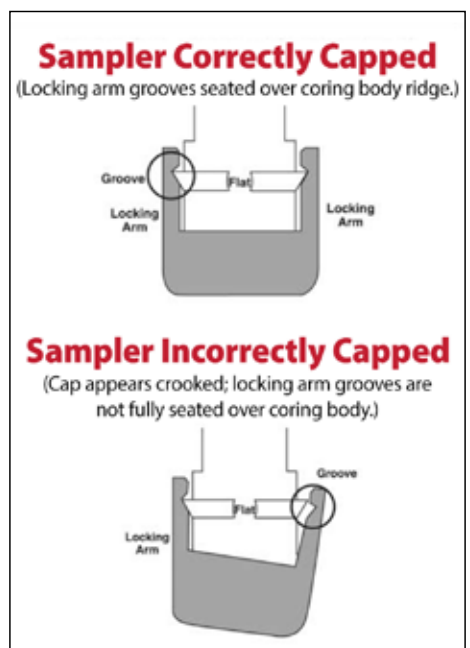
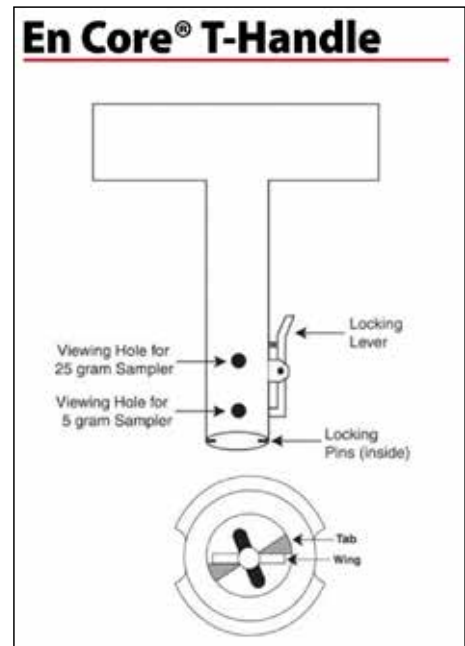
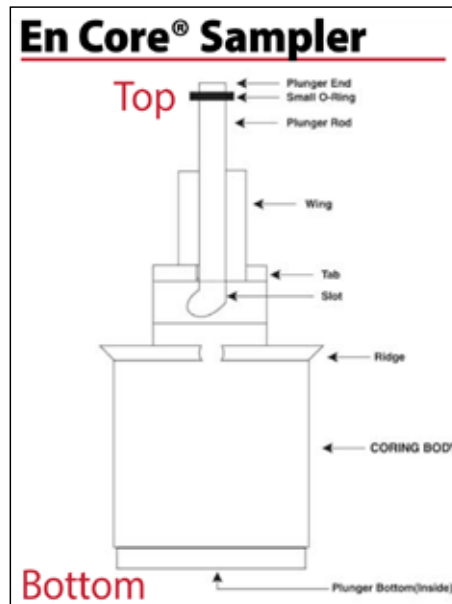
Using En Core® Disposable Sampler and T-Handle

Note:

1. En Core® Sampler is a single-use device. **It cannot be cleaned or reused.**
2. En Core® Sampler is designed to store soil. Do not use to store solvent or free product!
3. En Core® Sampler must be used with En Core® T-handle and En Core® Extrusion tool exclusively (all items sold separately).

Soil Sampling Procedures:

1. Hold coring **body** and **push plunger** down until **small o-ring** rests against tabs.
2. Depress **locking lever** on En Core® T-handle. Place coring body, **plunger end first**, into open end of T-handle, *aligning the (2) **slots** on the coring body with the (2) **locking pins** on the T-handle*. Twist coring body clockwise to lock pins in slots. Check to ensure Sampler is locked in place. Sampler is ready to use.
3. Turn T-handle with T up and coring body down. This positions plunger bottom flush with bottom of coring body (ensure that plunger bottom is in position). Using T-handle, push Sampler into soil until coring body is completely full. When full, small o-ring will appear centered in T-handle **viewing hole**. Remove Sampler from soil. Wipe excess soil from coring body exterior.
4. Cap coring body while still on T-handle. **Push cap** over **flat** area of **ridge** **and twist** to lock **cap** into place. **CAP MUST BE SEATED TO SEAL SAMPLER** (see diagram).
5. Remove the capped Sampler by depressing locking lever on T-handle while twisting and pulling Sampler from T-handle.
6. Lock plunger by rotating extended plunger rod fully counter-clockwise until wings rest firmly against tabs (see plunger diagram).
7. Fill in sample description on En Core® Sampler bag.
8. Return En Core® Sampler to zipper bag. Seal bag and put on ice.



Quality Environmental Containers, Inc. is an authorized reseller for the En Core® Sampler and other products from En Novative Technologies, Inc. For product information, please contact QEC's marketing department at 1-800-255-3950, or email info@qecusa.com.

Extrusion Procedures

Using En Core® Extrusion Tool

Caution: Always use the Extrusion Tool to extrude soil from the En Core® Sampler. If the Extrusion Tool is not used, the Sampler may fragment, causing injury.

1. To attach the En Core Sampler to the En Core Extrusion Tool: Depress **locking lever** on Extrusion tool and place Sampler, plunger end first, into open end of Extrusion Tool, aligning slots on coring body with pins in Extrusion Tool. Turn coring body clockwise until it locks into place. Release locking lever.
2. Rotate and gently push Extrusion Tool plunger knob clockwise until plunger slides over wings of coring body. When properly positioned, plunger knob will not rotate further.
3. Hold Extrusion Tool with capped sampler pointed upward so soil does not fall out when cap is removed. Remove cap from Sampler by rotating cap until locking arms are aligned with the flat area of ridge and pull cap off. To release soil core push down on plunger knob of Extrusion Tool. Remove and properly dispose of Sampler.



Warranty and Disclaimers

IMPORTANT; FAILURE TO USE THE EN CORE SAMPLER IN COMPLIANCE WITH THE WRITTEN INTRODUCTIONS PROVIDED HEREIN VOIDS ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE.

PRINCIPLE OF USE: The En Core Sampler Cartridge System is a volumetric sampling system designed to collect, store and deliver a soil sample. The En Core Sampler comes in two sizes for sample volumes of approximately 25 or 5 grams. There are four components: the cartridge with a movable plunger; a cap with two locking arms; a T-handle (purchased separately); and an Extrusion Tool (purchased separately). NOTE: the En Core Sampler is designed to store soil. It is not designed to store solvent or free product.

The soil is stored in a sealed headspace-free state. The seals are achieved by three special Viton® o-rings, two located on the plunger and one on the cap of the sampler. At no time and under no condition should these o-rings be removed or disturbed.

QUALITY CONTROL: The cartridge is sealed in an airtight package to prevent contamination prior to use. Due to the stringent quality control requirements associated with the use of this system, the disposable cartridge is designed to be used only once.

WARRANTY: En Novative Technologies warrants that the En Core Sampler shall perform consistent with the research conducted under En Novative Technologies' approval, within 30 days from the date of delivery, provided that the customer gives En Novative Technologies prompt notice of any defect or failure to perform and satisfactory proof thereof. THIS WARRANTY DOES NOT APPLY TO THE FOLLOWING, AS SOLELY DETERMINED BY EN NOVATIVE TECHNOLOGIES: (a) Damage caused by accident, abuse, mishandling or dropping; (b) Samplers

that have been opened, taken apart or mishandled; (c) Samplers not used in accordance with the directions; and (d) Damages exceeding the cost of the Sampler. Seller warrants that all En Core Samplers shall be free from defects in title. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING ANY INFORMATION PROVIDED BY SALES REPRESENTATIVES OR IN MARKETING LITERATURE. IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY SHALL NOT APPLY. En Novative Technologies' warranty obligations and customer's remedies, except as to title, are solely and exclusively as stated herein.

LIMITATION OF LIABILITY: IN NO EVENT SHALL EN NOVATIVE TECHNOLOGIES, INC. AND/OR QUALITY ENVIRONMENTAL CONTAINERS, INC. BE LIABLE FOR ANTICIPATED PROFITS, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, DAMAGES FOR LOSS OF REVENUE, DOWN TIME, REMEDIATION ACTIVITIES, REMOBILIZATION OR RESAMPLING, COST OF CAPITAL, SERVICE INTERRUPTION OR FAILURE OF SUPPLY, LIABILITY OF CUSTOMER TO A THIRD PARTY, OR FOR LABOR, OVERHEAD, TRANSPORTATION, SUBSTITUTE SUPPLY SOURCES, OR ANY OTHER EXPENSE, DAMAGE OR LOSS, INCLUDING PERSONAL INJURY OR PROPERTY DAMAGE. En Novative Technologies' and/or Quality Environmental Containers' liability on any claim of any kind shall be replacement of the En Core Sampler or refund of the purchase price. En Novative Technologies and/or Quality Environmental Containers shall not be liable for penalties of any description whatsoever. In the event the En Core Sampler will be utilized by customer on behalf of a third party, such third party shall not occupy the position of a third party beneficiary of the obligation or warranty provided by En Novative Technologies, and no such third party shall have the right to enforce same. All claims must be brought within one (1) year, regardless of their nature.