

The US D-95 is a depth-integrating sampler specifically engineered for collecting water-quality and suspended-sediment data in stream depths up to 15 feet. Designed for hand-line deployment, operated via a suspension system, such as a bridge board, crane, or reel. It's built to meet the standards of the USGS National Field Manual, the US D-95 ensures scientific integrity and inflow efficiency across stream velocities ranging from 1.5 to 7.5 ft/sec.

## FEATURES

- Variety of materials for various sample criteria
- Designed for surface water flow rates up to 7.5 ft per second
- Interchangeable components
- Made in USA

## OPERATION

When the sampler is submerged with the nozzle pointing into the flow, the water-sediment mixture flows through the nozzle into the bottle, forcing air to exhaust through the air vent hole in the cap. A continuous stream filament is discharged into the sample container during the entire time of submergence.



## ORDERING INFORMATION

The US D-95 comes standard with the sampler body, a protective carrying case, hanger bar, O-ring, strap, and retainer.

### Required Components (Sold Separately):

- **Caps:** US D-95 Cap™ or US D-77 Cap (Poly or PTFE)
- **Nozzles:** 3/16", 1/4", or 5/16" (PTFE or Delrin)
- **Bottles:** 1-liter (PTFE or Poly)
- **Adapters:** Specific to nozzle/cap configuration



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

**Geotech Environmental Equipment, Inc.**  
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Geotech Number	Description	USGS/HIF Number
<b>D-95 Sampler</b>		
71000058	SAMPLER,SEDIMENT,D-95,WITH CASE/HANGER	4101015, HIFF
<b>D-95 Parts</b>		
57500011	HOLDER CAP,NOZZLE,POLY,D77/DH81/D95/DH95	4107034, HIFF
71000028	NOZZLE,DELRIN,3/16",D77/DH81/D95/DH95, 2.0-6.2FT/SE**	4107084,HIF,WHITE
71000029	NOZZLE,DELRIN,1/4",D77/DH81/D95/DH95,1.5-7.6FT/SE**	4107085,HIF,WHITE
71000030	NOZZLE,DELRIN,5/16",D77/DH81/D95/DH95,2.0-7.0FT/SE**	4107086,HIF,WHITE
71000003	HDPE,SINGLE BOTTLE,1 LITER,D77,DH81	4107020, HIFF
71000002	HOLDER CAP,NOZZLE,PTFE,D95/DH81	4107036, HIFF
71000032	NOZZLE,PTFE,3/16",D77/DH81/D95/DH95,2.0-6.2FT/SEC	4107087,HIF
71000031	NOZZLE,PTFE,1/4",D77/DH81/D95/DH95,1.5-7.6FT/SEC	4107088,HIF
71000020	NOZZLE,PTFE,5/16",D77/DH81/D95/DH95,2.0-7.0FT/SEC	4107089
71000007	BOTTLE,FEP,1 LITER,D95/DH81*	4107021
	LID, PTFE,1-LITER BOTTLE	4107037
71000069	O-RING RETAINER FOR BOTTLE DH-95,D95	4107109
71000039	HANGER,BAR & PIN,D74/DH2/D95/DH95/D96	4107055
71000070	TAIL SECTION (D-95)	4107114

\*The US-D-95 cap attaches directly to the 1-L PTFE Bottle

\*\* Not for use in applications that require acid rinsing

#### Technical Specifications

Nozzle	3/16"	1/4"	5/16"
<b>Velocity Range</b>	2.0 to 6.2 ft/sec	1.5 to 7.5 ft/sec	2.0 to 7.0 ft/ sec
<b>Total Length</b>	26 in (66cm) with bottle and nozzle attached		
<b>Material</b>	Delrin or FEP		
<b>Body Material</b>	Plastic coated bronze body and tail section		
<b>Weight</b>	64 lbs. (29 kg)		
<b>Max Recommended Sample Depth</b>	15ft at Sea Level		
<b>Unsampled Zone</b>	< 4.8 in (12.2 cm)		
<b>Hanger Bar and Pin</b>			
<b>Material</b>	Stainless Steel		
<b>Bottles</b>			
<b>Nominal volume</b>	1 Liter		
<b>Suggested Sample Volume</b>	800mL		
<b>Length   Diameter</b>	7.93" (20.1 cm)   3.85" (9.8 cm)		
<b>Material</b>	HDPE or PTFE		

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