



## **BENTONITE SLURRY SAMPLER 50 METERS AZA0813**

The AZA0813 Bentonite Slurry Sampler is a robust, field-ready device designed for collecting clean, uncontaminated samples of drilling slurry, bentonite mixtures, grout, and cement-based suspensions.

Constructed from high-quality white PVC, the sampler features a double check-ball sealing system that prevents contamination, dilution, or mixing with surrounding layers during retrieval. This ensures accurate representation of in-situ slurry conditions for reliable laboratory and field analysis.

Optimized for construction, geotechnical, and foundation engineering applications, the AZA0813 is lightweight, corrosion-resistant, and suitable for repeated use in harsh site environments.



### **Key Features**

- Sampling bentonite and polymer slurries in trench foundations
- QA/QC testing in diaphragm wall construction
- Borehole and piling slurry monitoring
- Collection of grout and cement slurry for laboratory analysis
- Geotechnical field testing and construction supervision
- Environmental and groundwater sampling (slurry conditions)



## **Compliance & Approvals**

- FDOT Approved (Florida Department of Transportation)

## **Product Features & Benefits**

- Double Check-Ball Sealing System

Prevents contamination and ensures sample integrity during retrieval.

- High-Volume Sampling Chamber

12-inch chamber allows efficient collection of representative samples.

- Corrosion-Resistant PVC Construction

Suitable for aggressive slurry environments and repeated use.

- Lightweight & Portable

Easy handling in field conditions with minimal operator effort.

- Integrated Lifting Bail

Enables secure lowering and retrieval using rope or reel systems.

- FDOT-Compliant Design

Meets requirements for critical QA/QC applications in infrastructure projects.

- Reusable & Easy to Clean

Smooth internal surfaces simplify maintenance and reuse.



## TECHNICAL SPECIFICATION

| Parameter             | Details                          |
|-----------------------|----------------------------------|
| Model                 | AZA0813                          |
| Equipment Type        | Slurry Sampler / Bailer          |
| Diameter              | 3.5 inches (88.9 mm)             |
| Overall Length        | 20 inches                        |
| Sample Chamber Length | 12 inches                        |
| Material              | White PVC (Corrosion-Resistant)  |
| Sealing Mechanism     | Double Check-Ball System         |
| Operation             | Manual (Rope / Reel Deployment)  |
| Approval              | FDOT Approved                    |
| Application           | Slurry & Drilling Fluid Sampling |