

**NATIONAL CENTRE FOR SUSTAINABLE COASTAL
MANAGEMENT**

Ministry of Environment and Forests (MoEF)
Koodal Building, Anna University Campus
Chennai - 600025

Technical Specifications for Handheld sediment corer (Number required – 2)

Handheld Sediment Corer	
Description	<p>Sediment Corer includes the below:</p> <ol style="list-style-type: none">1. Corer body with quick-change for the core tubes2. Suitable top lead weights3. Stainless Steel Corer tube4. Carver (nose piece) with cutting edge5. Peeling system6. Liner to store the sample for later analysis.7. Piston rod to eject the sediment from the liners.8. Weight: less than 10 kg
Specifications	<ol style="list-style-type: none">1. 2" tube, thread/machining, AISI 316 stainless steel, Outer Diameter./Inner Diameter. ~60/50 mm. Length ~100 cm.2. Peel closing system (core catcher) prevents the sample from exiting. Inner diameter: ~ 45 mm.3. Suitable acrylic liner, transparent, ~ Ø50/Ø46 x 995 mm.4. Suitable steering ring.5. Adjustable piston rod with silicone packing, length ~115 cm.6. Corer should be equipped with all other necessary accessories.