

# Sediment Corer

Tube-shaped bottom sampler for soft and sandy grounds



## ABOUT

The Sediment Corer is easy to handle and can be operated manually in shallow waters with a push rod or on a rope simply using gravity in greater water depths. During descent the plastic valve flap on top of the transparent plexiglass tube is held open to let the water flow freely through the tube. To retrieve the sample the corer is lifted from the sediment and the water pressure at the valve flap closes the tube. A vacuum is holding the sediment sample in place and is preventing washout. Out of the water the provided piston is put into the lower end of the tube. The tube holder with rope stirrup is taken off and the tube with the core sample is placed onto the piston. When the tube is now pressed onto the piston the core sample will be removed for examination.



TECHNICAL DATA	
<b>Material</b>	stainless steel, PVC, plexiglass
<b>Dimensions</b>	100 mm dia. x 1000 mm length
<b>Core tube size</b>	600 mm length, 70 mm inner dia.
<b>Weight</b>	6 kg (plexi), 10 kg (stainless steel)

ORDERING INFORMATION	
<b>Products</b>	
<b>437 400</b>	<b>Sediment Corer</b> incl. transparent plexiglass core tube
<b>Accessories</b>	
<b>437 410</b>	<b>Transverse Bar</b> to be fixed onto the stirrup for sampling by hand
<b>Spare Parts</b>	
<b>437 405</b>	<b>Replacement Core Tube</b> , made of plexiglass
<b>437 406</b>	<b>Special Core Tube</b> , made of stainless steel