

ISO 10870:2012-07 (E)

Water quality - Guidelines for the selection of sampling methods and devices for benthic macroinvertebrates in fresh waters

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Principle	2
3.1	General	2
3.2	Objectives	2
3.3	Sampling programmes	3
3.4	Device and method selection	3
4	Benthic macroinvertebrates sampling methods and devices	3
4.1	General	3
4.2	Handnet	3
4.3	Surber sampler	7
4.4	Box sampler	9
4.5	Cylinder sampler	11
4.6	Naturalist's dredge	12
4.7	Ekman-Birge grab	14
4.8	Ponar grab	15
4.9	Van Veen grab	16
4.10	Polyp grab (orange peel grab)	18
4.11	Air-lift sampler	19
4.12	Core and tube samplers	22
4.13	Colonization samplers	23
Bibliography		26