

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