



德国 HYDRO-BIOS 公司--Ekman-Birge 采泥器

Bottom Sampler acc. to Ekman-Birge



黄铜材质



不锈钢材质



带穿孔钢板

Ekman-Birge 采泥器(箱式采泥器)由一个坚固的黄铜或不锈钢材质制成,采泥器底部有 2 个弹簧闭合器,这 2 个闭合器由释放的使锤激发。在采泥器向上拉出水体的过程中,采泥器顶部开口处的 2 块钢板可以防止样品被冲走。

Ekman-Birge 采泥器 (箱式采泥器) 订购信息:

437 200 Ekman-Birge 采泥器

体积 15×15×20cm, 采样面积 225cm², 采样体积 4.5L, 黄铜材质, 重量约 4kg

437 201 Ekman-Birge 采泥器, 带穿孔钢板, 用于采集大型底栖生物, 符合欧盟水框架指令

体积 15×15×20cm, 采样面积 225cm², 采样体积 4.5L, 黄铜材质, 重量约 4kg

437 210 Ekman-Birge 采泥器

体积 15×15×20cm, 采样面积 225cm², 采样体积 4.5L, 黄铜材质, 灌铅重型, 重量约 8kg

437 212 Ekman-Birge 采泥器

体积 15×15×20cm, 采样面积 225cm², 采样体积 4.5L, 不锈钢材质, 重量约 4kg

437 213 Ekman-Birge 采泥器

体积 15×15×20cm, 采样面积 225cm², 采样体积 4.5L, 不锈钢材质, 灌铅重型, 重量约 8kg

437 214 Ekman-Birge 采泥器

体积 20×20×30cm, 采样面积 400cm², 采样体积 10L, 不锈钢材质, 重量约 6kg

437 215 Ekman-Birge 采泥器

体积 20×20×30cm, 采样面积 400cm², 采样体积 10L, 不锈钢材质, 灌铅重型, 重量约 11.5kg

440 000 备用使锤, 用来激发弹簧闭合器, 带内径 6mm 的绳孔, 重量 400g

专用闭合器, 用于 Ekman-Birge 采泥器和 Lenz 采泥器

在 Ekman-Birge 采泥器和 Lenz 采泥器进行浅水采样时, 可以将其推入水床, 然后释放专用



闭合器。用于连接伸缩杆的孔径为 20mm。

专用闭合器订购信息：

437 320 专用闭合器，重量 400g

Ekman-Birge 采泥器照片集：



Ekman-Birge 采泥器



Ekman-Birge 采泥器



准备 Ekman-Birge 采泥器



准备好的 Ekman-Birge 采泥器

代表文献：

- 1.A. I. el MOGHRABY,1977.A study on diapause of zooplankton in a tropical river - The Blue Nile.Freshwater Biology.7(3):207-212.
- 2.Sven Blomqvist,1990.Sampling performance of Ekman grabs — in situ observations and design improvements.Hydrobiologia.206(3):245-254.
- 3.Jia-Jang Hung,1995.Terrigenous Inputs and Accumulation of Trace Metals in the Southeastern Taiwan Strait.Chemistry and Ecology.10(1-2):33-46.
- 4.J. J. Hung, C. P. Shy,1995.Speciation of dissolved selenium in the Kaoping and Erhjen rivers and estuaries, southwestern Taiwan.Estuaries.18(1):234-240.
- 5.W Brack, A Paschke, H Segner, R Wennrich, G Schüürmann,2000.Urease inhibition: a tool for toxicity identification in sediment elutriates.Chemosphere.40(8):829-834.
- 6.Edwin T.H.M. Peeters, Jean J.P. Gardeniers, Albert A. Koelmans,2000.Contribution of trace



- metals in structuring in situ macroinvertebrate community composition along a salinity gradient. *Environmental Toxicology and Chemistry*.19(4):1002–1010.
7. Guy Bachelet, Xavier de Montaudouin, Isabelle Auby and Pierre-Jean Labourg, 2000. Seasonal changes in macrophyte and macrozoobenthos assemblages in three coastal lagoons under varying degrees of eutrophication. *ICES Journal of Marine Science*.57(5):1495-1506.
8. R Sinem Atgin, Omar El-Agha, Abdullah Zararsız, Ahmet Kocataş, Hatice Parlak, Gürdal Tuncel, 2000. Investigation of the sediment pollution in Izmir Bay: trace elements. *Spectrochimica Acta Part B: Atomic Spectroscopy*.55(7):1151–1164.
9. Branislav Vrana, Albrecht Paschke and Peter Popp, 2001. Polyaromatic hydrocarbon concentrations and patterns in sediments and surface water of the Mansfeld region, Saxony-Anhalt, Germany. *Journal of Environmental Monitoring*.3:602-609.
10. Mónica M. Diaz, Pedro F. Temporetti, Fernando L. Pedrozo, 2001. Response of phytoplankton to enrichment from cage fish farm waste in Alicura Reservoir (Patagonia, Argentina). *Lakes & Reservoirs: Research & Management*.6(2):151–158.
11. Kalle Olli, Karolin Trunov, 2010. Abundance and distribution of vernal bloom dinoflagellate cysts in the Gulf of Finland and Gulf of Riga (the Baltic Sea). *Deep Sea Research Part II: Topical Studies in Oceanography*.57(3–4):235–242.
12. Steffen Mischke, Ahuva Almogi-Labin, Reuven Ortal, Arik Rosenfeld, Markus J. Schwab, Ian Boomer, 2010. Quantitative reconstruction of lake conductivity in the Quaternary of the Near East (Israel) using ostracods. *Journal of Paleolimnology*.43(4):667-688.
13. Annette Kramer, Ulrike Herzsuh, Steffen Mischke, Chengjun Zhang, 2010. Holocene treeline shifts and monsoon variability in the Hengduan Mountains (southeastern Tibetan Plateau), implications from palynological investigations. *Palaeogeography, Palaeoclimatology, Palaeoecology*.286(1–2):23–41.
14. Steffen Mischke, Ilhomjon Rajabov, Nailiya Mustaeva, Chengjun Zhang, Ulrike Herzsuh, Ian Boomer, Erik T. Brown, Nils Andersen, Amy Myrbo, Emi Ito, Michael E. Schudack, 2010. Modern hydrology and late Holocene history of Lake Karakul, eastern Pamirs (Tajikistan): A reconnaissance study. *Palaeogeography, Palaeoclimatology, Palaeoecology*.289(1–4):10–24.
15. Steffen Mischke, Chengjun Zhang, 2011. Ostracod distribution in Ulungur Lake (Xinjiang, China) and a reassessed Holocene record. *Ecological Research*.26(1):133-145.
16. Homira Agah, Mehry Hashtroudi, Willy Baeyens, 2011. Trace Metals Analysis in the Sediments of the Southern Caspian Sea. *Journal of PERSIAN GULF*.2(6):1-12.
17. T. Van der Meeren, S. Mischke, N. Sunjidmaa, U. Herzsuh, E. Itof, K. Martens, D. Verschuren, 2012. Subfossil ostracode assemblages from Mongolia – Quantifying response for paleolimnological applications. *Ecological Indicators*.14(1):138–151.
18. Aslihan Katip, Feza Karaer, Hüseyin Savaş Başkaya, Saadet Ileri, Sonay Sarmaşık, 2012. Fraction distribution and risk assessment of heavy metals and trace elements in sediments of Lake Uluabat. *Environmental Monitoring and Assessment*.184(9):5399-5413.
19. Aslihan Katip, Feza Karaer, Saadet Ileri, Sonay Sarmaşık, Nurcan Aydoğan, Sinem Zenginay, 2012. Analysis and assessment of trace elements pollution in sediments of Lake Uluabat, Turkey. *Journal of Environmental Biology*.33:961-968.



20. Bernhard Aichner, Ulrike Herzschuh, Heinz Wilkes, Hans-Martin Schulz, Yongbo Wang, Birgit Plessen, Steffen Mischke, Bernhard Diekmann, Chengjun Zhang, 2012. Ecological development of Lake Donggi Cona, north-eastern Tibetan Plateau, since the late glacial on basis of organic geochemical proxies and non-pollen palynomorphs. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 313–314: 140–149.

21. Kadir Gedik, İpek İmamoğlu, 2013. Levels, Distribution, and Sources of Polychlorinated Biphenyls in Sediments of Lake Eymir, Turkey. *Archives of Environmental Contamination and Toxicology*. DOI: 10.1007/s00244-013-9900-x.