

Easy-to-handle sample taking system for manual sample taking.
General purpose thanks to

- easy exchange of the sample taking equipment – simple spring mechanism
- four different fibre glass telescopic poles of up to 6.00 m in length
- extremely strong fibre glass telescopic poles, corrosion-free
- for up to 20 different sample taking devices

The basic version is comprised of a telescopic pole and a sampler.

① **Telescopic rods INGENIOUS**

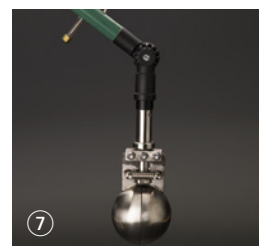
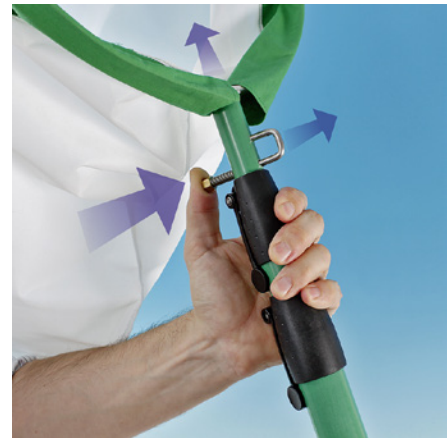
made of fiber glass, for heavy-duty application, corrosion-free, agreeable to the touch also at lower temperatures, simple to extend and to adjust.

With easy to operate spring mechanism for fast and simple replacement of sample takers.

Article	Order No.
INGENIOUS, type standard	39 43 02005
Length adjustable from 1.50 to 2.80 m, adjustable by quarter-rotation with Quick Lock function	
INGENIOUS, type XL	39 43 02055
Length adjustable from 1.50 to 3.85 m, adjustable by folding mechanism	
INGENIOUS, type XXL	10 03 02015
Length adjustable from 1.60 to 5.00 m, adjustable by folding mechanism	
INGENIOUS, type super long	10 03 02025
Length adjustable from 1.70 to 6.00 m, adjustable by folding mechanism	

Sampler for use with telescopic rods INGENIOUS

Article	Order No.
② Sample scoop	39 43 02027
For taking scoop samples from the water surface. Graduated PE cup with spout holds 1000 ml (cup is exchangeable). The cup holder (stainless steel spring strip) is designed to let you twist the cup in order adjust the pouring direction and fix the scoop angle from 0 to 180°.	
③ Sample scoop made of stainless steel	39 43 02004
Specially designed for taking mud samples. Stainless steel sampling vessel shaped like a cup with flanged edge. With locking mechanism for setting the cup angle from 0 to 180°. Dimensions of the stainless steel cup: 100 mm Ø, 130 mm height, approx. 1000 ml capacity.	
④ Universal clamp made of stainless steel	39 43 02028
Accepts all sample bottles with neck sizes from 10 to 80 mm. Also gives you great flexibility when you want to use bottles of different sizes up to 1000 ml. With locking mechanism for setting your sampling vessel to different immersion angles from 0 to 180°. New-type stainless steel clamp.	
⑤ Swiveling cup	39 43 02029
Swiveling cup with very robust, stainless steel clip holder for 1000 ml polypropylene cups. Specially for taking samples from canals (rain water canals) in horizontal direction with the current. Practical for taking samples in rain water canals and narrow shafts.	
⑥ Swiveling cup with beaker made of stainless steel	10 03 02030
Extremely sturdy design, like 3943 02029, cup made of thick-walled stainless steel, capacity 1000 ml, Ø 100 ml, height 130 mm	
⑦ WinLab®- Gripper for sediments	10 03 02066
Use it in combination with the very practical WinLab telescopic rod to take sediment samples. It is extremely user-friendly. Open the gripper and move it to the position where you wish to take the sample. To take the sample, bring the gripper down onto the soil; the sediment sample is caught in the two half-shells. Ideal for sampling sediments: Used together with the long telescopic rod, you can also take samples from a greater depth. The sediment gripper is made of stainless steel. Volume of the sample shells: approx. 260 ml.	



Sampler for taking biological samples - for telescopic rods **INGENIOUS**

Article	Order No.
⑧ Water insect net Robust non-rotting nylon net, 0.8 mm mesh width. Ideal for catching flies, bugs, wazer insects and floating particles. Strong galvanized ring with Ø 200 mm. Double sewn seam.	39 43 02002
⑨ Wire mesh net Extremely robust, practical design with additional metal ring for greater reinforcement around the rim. This even lets you „trawl“ the river or stream bed. Small organisms are better collected directly from the river bed and river bank. Ø 200 mm, mesh width 1.5 mm.	10 03 02013
⑩ Rectangle net For sampling and collection of solid matter and organism from water bodies. Net depth 250 mm, size of net opening W 400 mm x L 200 mm, mesh width approx. 3 mm	10 03 02023
⑪ Surface net For sampling and collection of solid matter and organism from water bodies. Net convex when tightened. Size of net opening 320 mm x 200 mm, mesh width approx. 3 mm	10 03 02022
⑫ Post scraper Sturdy, sharpened edge of stainless steel for scraping and collecting small organisms and vegetation underwater from posts, jetties, boat hulls etc. The collection net has a mesh width of 0.8 mm and is made of non-rotting nylon. Width of scraping edge 140 mm, length 150 mm, height of net approx. 250 mm.	39 43 02010

⑬ **Plankton nets for telescopic rods **INGENIOUS****

Rugged version with strong galvanised ring with a diameter of 200 mm. The ring is covered with green linen fabric with a double seam to protect the silk gauze, the fine plankton net material, from ripping. Supplied with a 100 ml PE sampling flask (100 ml Kautex flask).

Article	Order No.
Plankton net with mesh width 65 µm	39 43 02006
Plankton net with mesh width 105 µm	39 43 02007

⑭ **Plankton casting net in professional design**

For professional applications. Rugged version. In this model, for example, the silk gauze is covered by a linen cover to protect it from damage. The top ring comes with an extra-strong aluminium part. This version is used mainly as a casting or drag net and therefore comes with a tear-proof 10 m corded nylon line and a spring hook.
Diameter of the top ring: 250 mm. Height of the plankton net: Approx. 480 mm.

Article	Order No.
Plankton net with 25 µm gauze	39 43 28019
Plankton net with 65 µm gauze	39 43 28020

