

Equipment for scenario analysis

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Two-compartment cells for scenario analyses

SOFIE® cells come in two kinds: as a one-compartment and as a two-compartment cell.

The two-compartment cell, which has two separate chambers that can be probed individually, is an excellent tool to study scenario treatments to the same undisturbed sample. Also check the [Downloads](#) for examples.

Examples of scenarios:

- Wetting / drying
- pH manipulation
- Biota and blanc
- Organism 1, 2
- Spiking concentration ranges
- Feed / non-feed
- etc.

Flow through cells

For the incubation of test organisms, or sorbent media, small flow through cells can be used in SOFIE-cells. This makes counting and/or sampling easier. These cells have filter membranes at both ends that can easily be replaced.



SOFIE 2-compartment cell for scenario analyses

SOFIE XL!

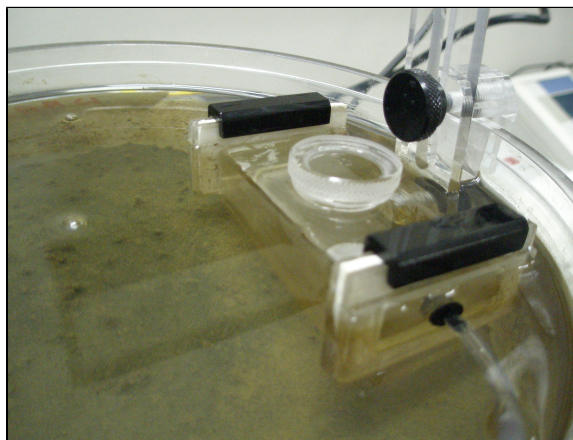
SOFIE® is also available in long-sized dimensions. Longer sized cells have an extended sampling core and may be useful for specific studies, e.g. column leaching tests, macrophyte studies, or multi-layered probing of soil layers.

The image shows an example of a 70 cm body core with 29 positions for sampling probes. The length of the cell and the amount and distances of probes may be adjusted to desired needs.

Costs

One- and two-compartment cells can be ordered for purchase, with accompanying user licence. Deltares also welcomes partnerships in research programmes.

[Contact us](#) for prices and possibilities.



Flow-through cell for simulating exposure to aquatic fauna


Enabling Delta Life



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Senior expert-advisor
Sediment and water quality

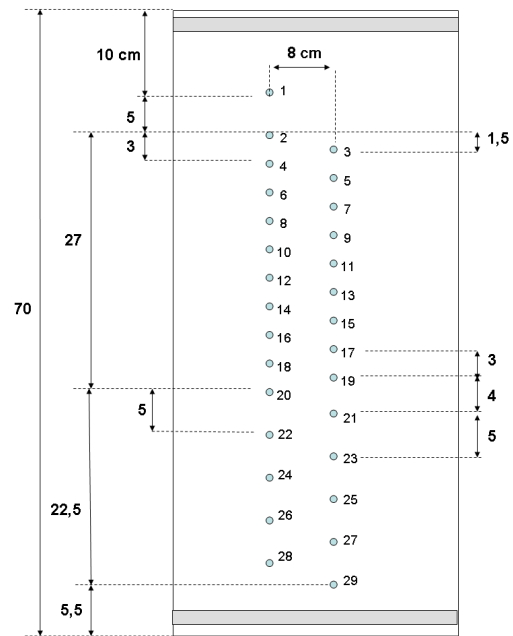
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SOFIE XL

1 hoge connector (1)
19 connectoren met afstand 3 cm (2 t/m 20)
9 connectoren met afstand 5 cm (21 t/m 29)



SOFIE XL 1-compartment cell with extended core