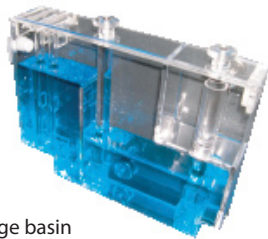


Demo-case «water supply» - to look into drinking water

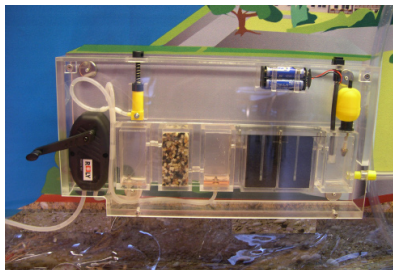
The demo-case is mainly designed for the use in schools and for public water supplier. During guided tours, at the open house or on the occasion of the worldwide day of water, the complete view of an interactive water supply model demonstrates the different dependencies and serves as a nice eye catcher too.



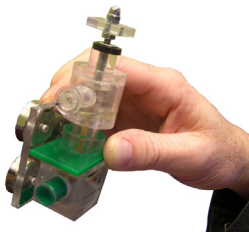
Water extraction at the spring water support



Storage basin



Multi-level water treatment at the lake water plant



The models can easily be fixed by an extra strong magnets

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Overview of the "water supply" system

The demo-case contains the essential parts of a drinking water supply system and shows the way of the water from their source, e.g. ground-, source- and lakewater, over preparation and distribution to the customers. The use of water enabled a realistic insight in the hidden water supply system. Furthermore, users have fun playing with it. Additionally, it provides a creative learning environment.

- **Background poster**
Designed poster with measures of a black board (270cm x 130cm) and loops to hang it up.
- **7 Models**
The models made from acrylic glas are provided with extra strong magnet. Lake water plant, groundwater pumping station, well house, multistorey building, storage basin, emergency water standpost and hydrant are getting fixed on a magnetic wall board or stand board.
- **Pipelines**
Hose connections represent the pipeline system of the water supply.
- **Additional equipment**
 - User guide
 - Protection area foil
 - Water cycle (arrows, clouds)
 - Drinking water supply station
 - DVD
 - Fire hose
 - Strainer



clearly arranged and shock proof packed

Loan or buy?

Because of an constantly dedication of the Swiss Environmental agency (BAFU) the demo-case can be loaned without any rental. The only remaining costs of CHF 27.50 are for the return postage and additional insurance. Alltogether tree demo-suit cases can be loaned at ecovia. For special events even a demountable, free standig metal board is available.

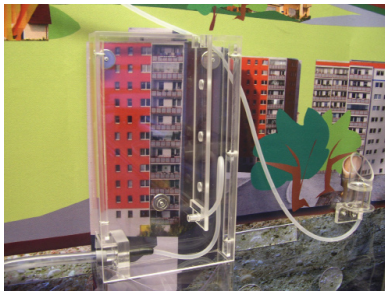
Price: The demo-case water supply in its basic version, including a wide range of asseccories, is charged with CHF 7800.-/Euro 5800.- (excl. VAT)

Customer wishes can be taken into account in case off aquisition.

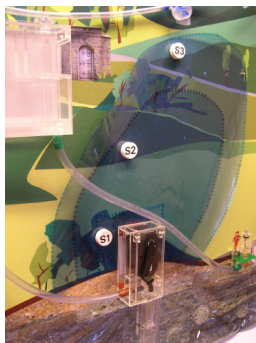


No exhausting carrying thanks to trolley bag with telescopic handle

descriptive
interactive
handy



Pressure simulation in a multi storey house



The protection area foil can be stuck on top of the background poster



In action at the worldwide day of water

Voices of experts:

Swiss association of gas and water SVGW
"...get to know water supply in a playful way..."

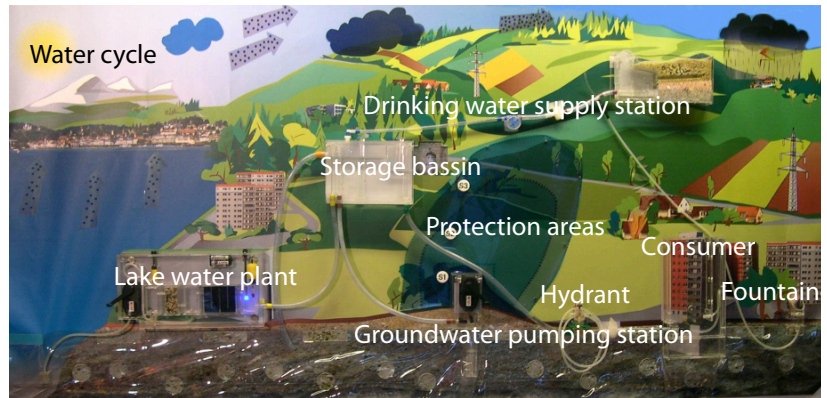
Swiss Environmental agency (BAFU)
"...descriptive and instructive..."

Federation of German water protection
"...a need for all supplier.."

Target audience:

- Water supplier
- Didactic Media centres
- Primary Schools
- Secondary Schools
- High Schools
- Vocational Schools

Model overview



Our concept: active learning by practical exercises!

What can be shown

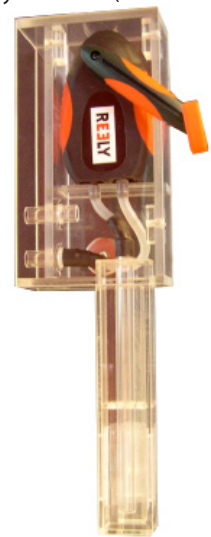
- The most important parts of a water supply system can be step by step assembled to create a real system.
- The different kinds of water extractions get presented. Reference to local situations can be drawn.
- The importance of protection areas around the extraction areas can be demonstrated and explained.
- The topic "Building in ground water" can be discussed using the example of the multi storey house with two basements.
- The topic pressure/pressure zones can be demonstrated with the help of the multi storey building and the position of the storage basin.
- How to use slope for the operating of an drinking water supply station? This question can be asked and of course be answered.
- In the context of the lake water supply station, slightly coloured (food colour) water can be cleaned with use of charcoal filters.
- The topic of fire prevention can be demonstrated with help of reserve fire water in the storage basin and a hydrant in the pipeline network .
- The water cycle, with the sun as "big pump" and evaporation arrows and clouds, can easily be explained.
- The emergency water supply is clearly demonstrated.



Hydrant at pipeline network



Emergency water fountain



Groundwater pumping station

Additional Information

As meaningful extension, ecovia offers the demo-case "Ground water" mainly for water supplier, schools, universities and media centres.

More information on demo-suit cases and the topic in general can be found under www.ecovia.ch.