

## Automatic sample dilution station

### SamplePrep



The sample dilution station SamplePrep can be used for automatic sample (pre)dilution in the daily routine. The flexible software **EasyPrep** realizes follow routines:

- Automatic (pre)dilution of sample series and single samples
- Manufacturing of single and mixed standards using a stock solution
- Adding standards to a sample

A dilution in more than one step is possible.

The sample lists and the protocols can be stored in a pdf-file and can be printed out.

Aktion	Pos.	Probentyp	Name	Standardkonzentrationen	Vorverdi.	Verd.
	1	Probe	Extrakt 1		1	
	2	Probe	Extrakt 2 1:10 manu...		10	
(5) Verdünnung	3	Probe	Extrakt 1			10
(7) Verdünnung	4	Probe	Extrakt 1			2
	5	Std	1000 mg/l NH4-N	Ammonium: 1000 mg/l		
	6	Std	1000 mg/l NO3-N	Nitrat: 1000 mg/l		
	7	Std	1000 mg/l SO4	Sulfat: 1000 mg/l		
(1) Std. herst.	8	Std	10 mg/l Misch	Ammonium: 10 mg/l + Nitrat: 10 mg/l + Sulfat: 10 mg/l		1
(3) Std. herst.	9	Std	1 mg/l Misch	Ammonium: 1 mg/l + Nitrat: 1 mg/l + Sulfat: 1 mg/l		1
(4) Std. herst.	10	Std	0,5 mg/l Misch	Ammonium: 0,5 mg/l + Nitrat: 0,5 mg/l + Sulfat: 0,5 mg/l		1
(2) Std. herst.	11	Std	10 NH4-N+NH3-N	Ammonium: 10 mg/l + Nitrat: 10 mg/l		1
(6) Aufsto				Ammonium: 10 mg/l		2
(8) Aufsto				Ammonium: 0,1 mg/l + Nitrat: 0,1 mg/l + Sulfat: 0,1 mg/l		2

**Probenherstellung**

Probenposition:

Probenvolumen:  µl

Std. Position:

Standardvolumen:  µl

Zielposition:

Endvolumen:  µl

Probe verdünnen  
 Standardlösung herstellen  
 Probe aufstocken

OK    Abbrechen



The utilized autosampler can be used also together with **FIA System** of the **MLE**.