

Analytix *LabInfo*



AQUANAL®-Compact Lab

Analytical case for rapid, on-the-spot analysis of water

AQUANAL®-plus Compact Lab allows rapid, reliable water analysis in the field, right at the site where samples are taken. The AQUANAL®-plus Compact Lab is ideally suited to meet the requirements of emergency responders, like fire-brigades, police, environmental protection officers and local authorities. It is also useful for educational purposes.



Picture AQUANAL®-plus Compact Lab

Kit Content

The Compact Lab contains all the reagents needed to carry out trace analysis for each of the water parameters listed below. It also contains small laboratory equipment such as cuvettes, syringes, funnels, filters and collecting bottles. When the individual test reagents have been used up, refill packs can be ordered from the AQUANAL®-plus range.

A space in the case is provided for the AQUANAL®-plus Spectro 2 Photometer or AQUANAL® Spectro 3 Photometer which are required for these tests and must be ordered separately.

How it works

The water sample is mixed with the selected reagent in the supplied cuvette. The name of the parameter (substance) for which the reagent is specified is entered into the Photometer which already contains the necessary calibration curves. The concentration of the test substance in the water sample is read directly from the photometer display. After each test, the waste solution (water plus reagent) is collected in the supplied collecting bottle. When testing is completed, the contents of the bottle can be disposed of according to local environmental regulations.

AQUANAL®-plus Compact Lab Refill Packs Product Information – these products are supplied with the Compact Lab, or they can be purchased separately as refills.

Cat. No.	Product
37562	AQUANAL®-plus Compact Lab
37781-37785	Spectro 2 Photometer for AQUANAL®-plus-Reagents
70403	AQUANAL® Spectro 4 Ph.

Table AQUANAL®-plus Compact Lab Product Information

Cat. No.	Substances	Product	Measuring range	Number of tests
37440	Ammonium	AQUANAL®-plus Ammonium	0.2-8.0 mg/L	125
37459	Chlorine	AQUANAL®-plus Chlorine	0.01-0.3 mg/L	300
37441	Chloride	AQUANAL®-plus Chloride	5-300 mg/L	150
37442	Chromium	AQUANAL®-plus Chromium	0.005-0.1 mg/L	100
37443	Cyanid (gesamt)	AQUANAL®-plus Cyanide	0.03-0.7 mg/L	200
37444	Iron	AQUANAL®-plus Iron	0.2-15 mg/L	500
37574	Total hardness	AQUANAL®-plus Total hardness (250 mL)	1 drop = 1°dH = 0.178 mmol/L Ca	500
37464	Copper	AQUANAL®-plus Copper	0.05-4.5 mg/L	75
37447	Nickel	AQUANAL®-plus Nickel	0.02-0.5 mg/L	60
37449	Nitrate	AQUANAL®-plus Nitrate	1-50 mg/L	200
37450	Nitrite	AQUANAL®-plus Nitrite	0.005-0.1 mg/L	200
37467	Phenol	AQUANAL®-plus Phenols	0.1-3.0 mg/L	300
37451	Phosphate	AQUANAL®-plus Phosphate	0.02-0.4 mg/L	100
37028	pH-value	pH-indicator sticks	4.5-9 mg/L	100
37468	Oxygen	AQUANAL®-plus Oxygen	1-12 mg/L	30
37469	Sulfate	AQUANAL®-plus Sulfate	50-330 mg/L	100
37470	Sulfide	AQUANAL®-plus Sulfide	0.03-0.6 mg/L	100

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Contact

Should you have questions regarding the AQUANAL® Compact Lab or any of the other AQUANAL® products please contact:

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