

WATER QUALITY TESTING

For testing samples of water or watery extracts several instruments are included in our product range.

13.55 Turbidimeter PCcompact

The PCcompact is designed as a compact, easy to use instrument to determine turbidity fast and accurate.

A light emitting diode (LED) is used as a light source with a photodetector positioned to detect light scattered by a sample at 90° to the incident beam.

The LED is characterised by maximum long-term stability and monochromatic light emission with minimum power input.

The sample chamber (the most critical part of any photometer) is fully sealed, so no water can penetrate into the electronic components.

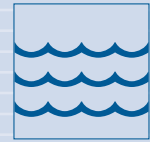
The size of the sample chamber ensures easy cleaning of the light entry surfaces.

The PCcompact may be used as test equipment with software-based calibration adjustment facilities.

Battery operation makes the unit suitable for both mobile use and laboratory applications. The PCcompact is supplied as a fully functional unit complete with accessories and calibration standards in a handy case.

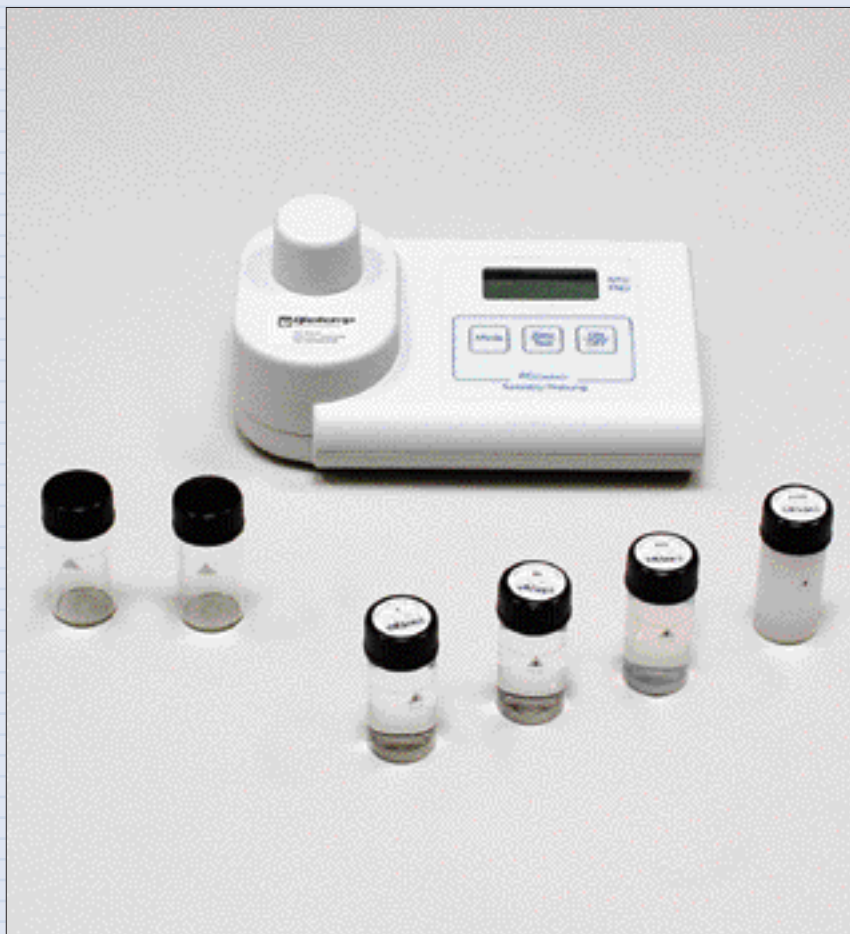
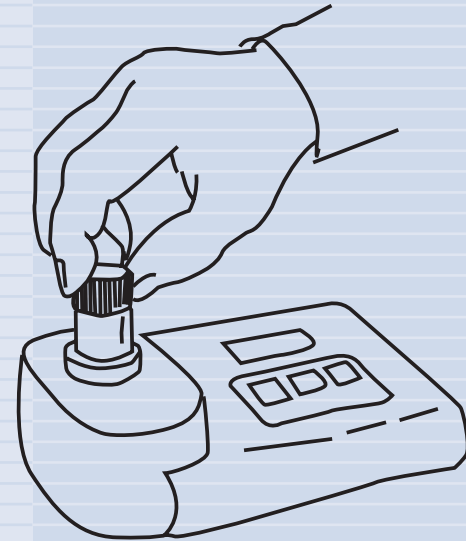
Advantages

- Compact, user friendly and ergonomic design.
- Automatic switch-off.
- Splashproof key-pad
- Waterproof sample chamber
- Infrared light
- Range 0,1 - 2000 TE/F or FNU/NTU
- Measurement of coloured liquids



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Parts List
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The sample bottle is placed in the sample chamber.



Turbidimeter PCcompact

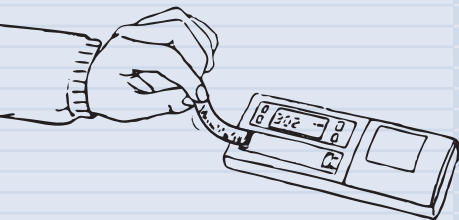
The turbidimeter can be applied in the field to do accurate testing of water samples.





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Parts List
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Using the bar code the reflectometer is set and adjusted.



With an optional interface and software the data can be processed on a PC.



WATER QUALITY TESTING



18.41 Reflectometer RQ-flex

Using the portable reflectometer RQ-flex various anions and cations in water, substrates or in watery extracts of soil, compost, plant tissues, etc. are measured.

The measuring system consists of: various analysis strips for different parameters and the reflectometer.

Every tube with analysis strips is supplied with a bar code. Before using the strips the bar code is slipped through the meter for adjustment and control.

The instrument is fitted with a user friendly menu driven operation.

Because of the double optics, the wave length correction and the charge specific adjustment the reflectometer is capable of accurate measurements.

The reflectometer has an internal memory for a maximum of 50 measurements for 10 parameters.

The data can be retrieved or transmitted to a PC for documentation by simply pressing a button.

The analysis strips can be obtained for a great

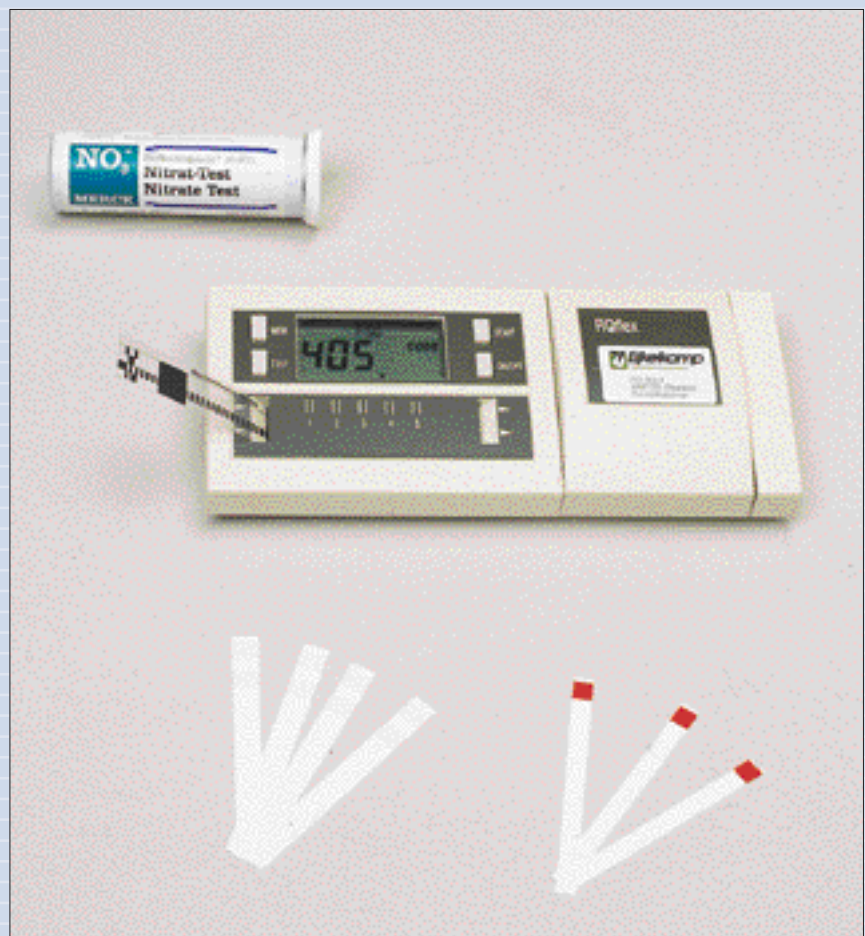
number of parameters such as ammonium, nitrate, iron, copper, nitrite, phosphate, potassium, pH, etc.

Via the bar code all information required is read in: analysis method, charge number, wave length correction factor, charge specific adjustment and response time.

The double optics and the charge specific information of the bar code guarantee a relatively excellent accuracy.

Advantages

- High level of precision due to double optics and charge specific adjustment of the test strips.
- Mobility because of the small size and use of batteries.
- No waste and environmental problems (the test strips are biodegradable).



Reflectometer RQ-flex