

Method Z050F / Z050M – pH 4.5-9.0

WideRangë

Specification

Description:	Test for determining the pH-value in fresh and marine water
Range:	4,5 – 9,0 pH
Resolution:	0,05 pH
Wavelength:	470 nm 520 nm 610 nm

Reagent set

Product Code	Description	List of components
8050	Set of reagents for method Z050F and Z050M, pH 4.5-9.0 (reagents for approx. 100 tests)	✓ Reagent pH 4.5-9.0

Performing the measurement

- To measure the pH value in fresh water select the **Z050F pH 4.5-9.0 Fresh method**, in marine water the **Z050M pH 4.5-9.0 method** (Methods → Select method → Z050F or Z050M pH 4.5-9.0). How to select the method, see [8.1 Choosing method](#).

NOTE:

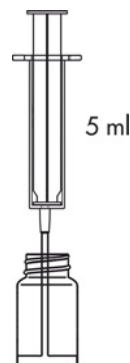
It is recommended to use the **GUIDE** system. It will provide you with step-by step basic instruction how to perform measurement. To enable this function press the button **GUIDE**.

- Rinse the vial and the syringe three times with the tested water.

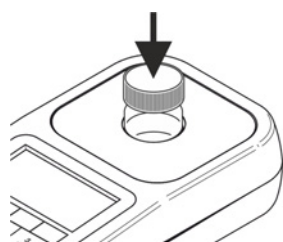
Take exactly 5 ml of the tested water with the syringe and pour into the vial.

NOTE:

Make sure no air bubbles are present in the syringe. Trapped air bubbles can affect accuracy of the measurement.



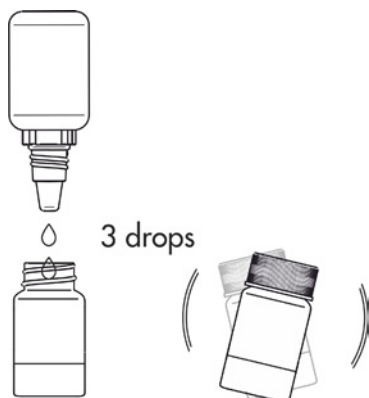
- Insert the vial into the round vial holder and press the **ZERO** key. The display will show **"-0.0-**", which means the device is ready for measurement.



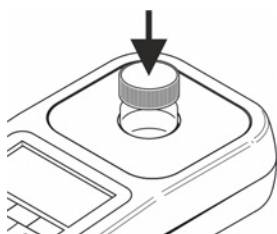
26 08 20		12:45	
pH	Z050F pH 4.5-9.0 F	tag 1	
Measuring ...			
ZERO	MEAS	GUIDE	

26 08 20		12:45	
pH	Z050F pH 4.5-9.0 F	tag 1	
-0.0- pH			
ZERO	MEAS	GUIDE	

4. Add 3 drops of **Reagent pH 4.5-9.0** and shake well to obtain uniform colour.



5. Insert the vial into the round vial holder and press the **MEAS** key to take a measurement. The result is displayed in **pH**.



26 08 20		12:45	
pH	Z050F	pH 4.5-9.0 F	
	tag 1		
Measuring ...			
ZERO	MEAS	GUIDE	

26 08 20		12:45	
pH	Z050F	pH 4.5-9.0 F	
	tag 1		
6.50 pH			
ZERO	MEAS	GUIDE	REC