

### Unbreakable glass electrode

In conventional pH meters the glass electrode has a protrusion-like shape and is easily broken requiring delicate handling. The PAL-pH succeeded in developing a durable glass electrode that can withstand large loads. In various fields as well as food production sites, the risk of contamination and injuries can be reduced and it can be used daily without hesitation. Also, the electrode does not require a storage solution.

### Easy to clean with full flat sample stage, and hygienic

It is a pH meter with IP65 that can be "washed" under running tap water. Most of the conventional pH meters require careful attention when washing due to the complex shape of the measurement section or sensor unit, but PAL-pH is easy to wash because the measurement unit is completely flat and samples can be easily wiped off. PAL-pH is easy to maintain and clean, so contamination can be avoided. Using PAL-pH is a relief from daily stress.

### Measure merely with 3 drops

The PAL-pH can measure pH with only 0.6 mL of sample and the measurement time is as fast as 3 seconds. This is an advance that dip-style pH meters did not offer. There is no need to prepare a beaker to hold the sample, and the trouble of preparation and cleaning can be omitted. Of course, there is no need to purchase a large volume of calibration standard.

### Unconsumable KCl

Electrode's internal liquid, KCl is inseparable from the pH meter. Ordinary pH meters are designed so that KCl will flow out little by little, and it will need to be replaced and filled regularly as it flows out. We took it upon ourselves to get rid of these stresses our users endured. We made every effort to figure out how to make KCl last longer. With PAL-pH, you do not have to worry about KCl depletion. The pride and effort of ATAGO developers, who wanted to create an easy-to-use device, created PAL-pH.



PAL-pH

Droplet type

|             |  |
|-------------|--|
| Cat. No.    | PAL-pH 4311                                  |
| Range       | 0.00 to 14.00                                |
| Resolution  | 0.01   |
| Accuracy    | ±0.10  |
| Calibration | Calibration at 3 points at 4.01, 6.86, 9.18. |

|                                |                                     |
|--------------------------------|-------------------------------------|
| Ambient Temperature            | 10 to 40°C                          |
| Sample Volume                  | 0.6mL                               |
| Power Supply                   | 2×AAA Batteries                     |
| International Protection Class | IP65 Water resistant                |
| Dimensions & Weight            | 5.5×3.1×10.9cm 100g(main unit only) |



Equipped with NFC that allows data transfer just by holding it over

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# PAL-pH

Cat.No.4311

Equipped with a hard-to-break electrode,  
safe and secure, drop-type pH meter that can measure  
with a small amount of sample

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CN ZL 2015 3 0301440.6

TW D174679  
US US D788,923 S

KR 30-0846054  
EUIPO 002750265-0001

