

Applications



World's first! Dilution-free Salt Measurement

'Yes, I was looking for something like this!'

Not only providing the means to measure the balance between concentration and salt content in one unit, the decisive factor in taste for all food, with our proprietary algorithm we also took away the stress that comes with dilution.

Anyone can measure easily

When using for the first time, a simple programming with 1 undiluted and 2 diluted versions of the sample is needed. After measuring the Brix and salt of the three samples, the user scale is automatically created from those values. From then on, that sample can be dropped on the unit and measured without any dilution!

PAL-BX|SALT

C a t . N o .	PAL-BX SALT	4921	Resolution	Brix : 0.1%
	PAL-BX SALT+5	4922		Salt concentration : 0.01%
R a n g e	Brix : 0.0 to 90.0%		Ambient Temperature	10 to 40°C
	Salt concentration : 0.00 to 15.00%			
A c c u r a c y	Brix: ±0.2%		Power Supply	2 × AAA Batteries
	Salt concentration:			International Protection Class
	Displayed value ±0.05%(0.00 to 0.99%)		Dimensions & Weight	
	Relative precision ±5%(1.00 to 9.99%)			
	Relative precision ±10%(10.00 to 15.00%)			

Only the PAL-BX | SALT + 5 has the user scale function to measure salt content without dilution.



PAL-BX|SALT

PAL-BX|SALT+5

No reagents or glassware required

Costly and hard to dispose of reagents were needed for the titration method. Glass hydrometers needed to be handled carefully in food facilities due to the danger of dropping and shattering glass. Now with the Brix and Salt Meter, you don't have to worry about reagents or damaged glass!

Pursuing SDGs, it can withstand long-term use.

The concept of 'anyone', 'anywhere' and 'easily' being able to measure has been our standard, but now we have added 'for a long time' to our list for the strongest of specifications. Working towards sustainability, the PAL-BX/SALT is made of durable materials designed for long term use without worry.



BX | SALT

NEW

It is equipped with a temperature compensation feature to accurately measure high-temperature samples.



Display the salt reduction index (salt concentration ÷ Brix).

Brix & Salt shown simultaneously!

Two types of model are available! Standard type PAL-BX|SALT is a simple combination of refractometer and salt meter. PAL-BX|SALT+5 is equipped with an algorithm that saves dilution.

* User scales is available only with PAL-BX|SALT +5

-2 in 1-Brix and Salt Hybrid Meter

A hybrid brix and salt meter born by the fusion of optics and metal.

An optical prism is used for the concentration via light refraction, and for salt concentration via electrical conductivity.

