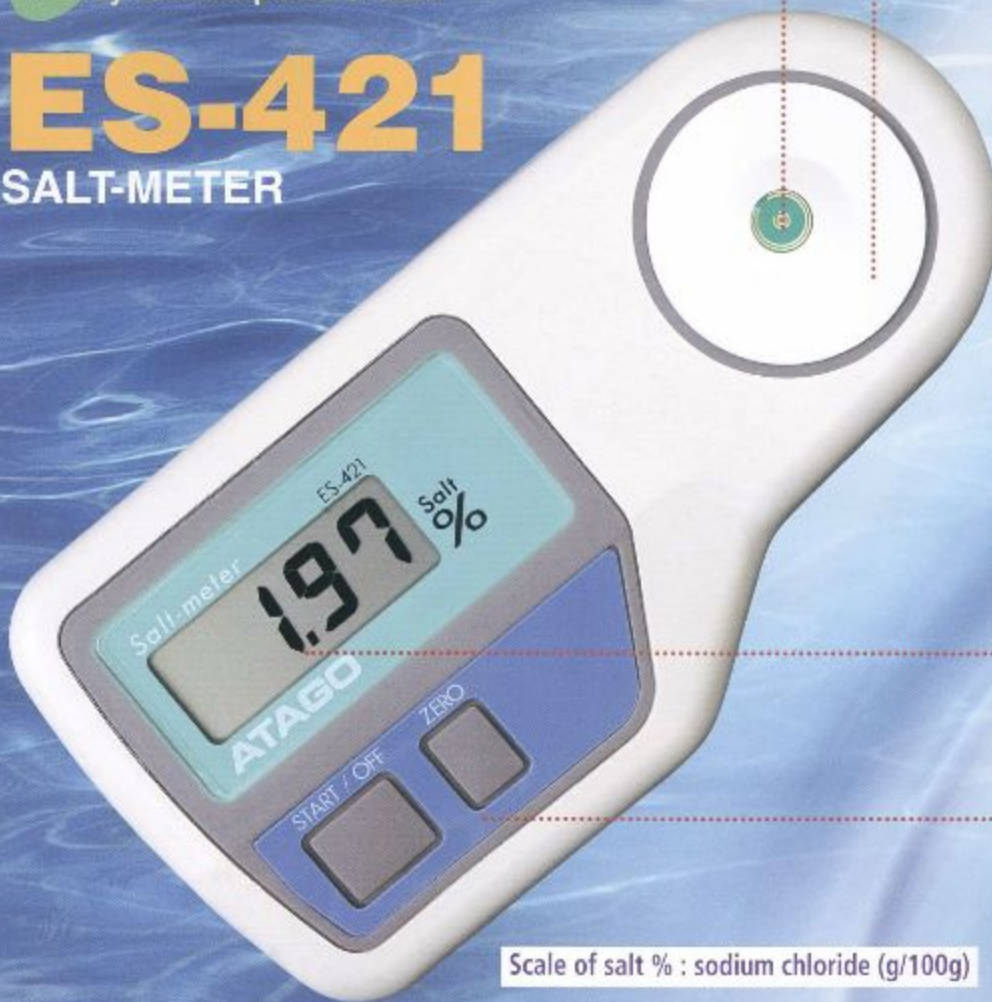


Easy and simple measurement of salt % by conductivity method!

Up-to-the-minute funnel-shaped sensor section.

Compact body for two-way measurements being held by hand and placed on desk.

ES-421 SALT-METER



Scale of salt % : sodium chloride (g/100g)

●Sensor section

The funnel-shaped sample receiver employed in the sensor section realizes measurement with a small amount of sample. Cleaning of the sensor section after measurement is very easy by just wiping it with tissues moistened with water. Differently from salt-meters employing glass electrodes, the ES-421 is free from fear of damage of the electrode and from special care to keep and store it.

●Sample stage

The sample stage made of corrosion resisting hard plastics serves for a long time with cleanliness of the surface.

Little sample is enough for measurement!

Cleaning by just wipe-over!

Simple calibration with air!

Easy and simple operation!

The digital salt-meter ES-421 employs a funnel-shaped sensor section (conductivity method), which measures the salt % of a sample (dilute solution of soy sauce, ketchup, mayonnaise, Worcester sauce, squeezed juice of pickles, etc.) poured into it by a little amount (1.0ml approx. is enough for measurement).

※For measurement of a sample containing ingredients other than salt, dilute the sample so that its Brix index (percentage of soluble solid content) is less than 6%. For example, dilute soy sauce, Worcester sauce with distilled water 10 times (in weight) as thin as the original for measurement, and the actual salt % is obtained by multiplying the measured value by 10.

1



Apply drops of sample into the sensor section until it fills above the indication line.

2



Press the Start/Off switch.

3



After arrow flashes three times, the display indicates the salinity of the measured sample in percentage.

●High reliable digital indicator

A large-sized LCD employed for indication of measured value enables the operator to check the test result easily and promptly with its excellent readability.

●Excellent operability

Simple design with only two switches on the panel. Turning power on/off, zero setting, start of measurement can be operated with one touch of a switch.

Moreover, two switches designed considerably big for easy pressing facilitate correct and quick measurement for every operator.

The ES-421 indicates salt % of sample in digits just by filling up the funnel-shaped sensor section with a small amount of sample (1.0ml approx.) and pressing the Start/Off switch.

●Note:

For measurement of food containing high conductive ingredients other than salt, it may be required to dilute sample specially or to prepare a special conversion table.