

**KEM**



# Portable Brix Meter **BX-1**

Brix 0 – 85%

## One unit with all measurements!



Honeydew

Confectionery  
production

Fruit

Vegetable

Beverage

Sauce

**KEM** KYOTO ELECTRONICS  
MANUFACTURING CO.,LTD.

Portable Brix Meter BX-1 is a handy portable brix meter which can be used anywhere with easy measurement. After putting the sample on the prism, brix measurement will be displayed on the screen in 2 seconds. Due to the wide measuring range, it is sufficient to use only Portable Brix Meter BX-1. Therefore, it is unnecessary to use 2 different Brix Meters.

## Features

### ■ One unit is applicable at the food field!

The wide measuring range makes it possible to measure all kinds of foods with Portable Brix Meter BX-1.

### ■ Easy use with only one hand!

Since it is possible to use with either hand, it is also convenient to use it with left hander.

### ■ Unaffected in out door measurements!

In general, it is said that Brix Meters have problems with outdoors especially in the bright area. However, BX-1 will be unaffected except with direct light.

### ■ Long lasting battery!

Energy saving batteries can run about more than 30,000 time measurements.  
One year shelf life measuring 100 measurements/day.



## Application Typical sample!

Fruits Vegetables	•Oranges •Apples •Strawberries •Grapes •Peaches •Cherries •Grapefruits •Pineapples •Bananas •Melons •Lemons •Tomatoes
Beverages Alcoholic beverages	•Juices •Tea •Cocoa •Sports drink •Café au lait •Milk product •Lactic acid beverages •Carbonated drinks •Beer •Whisky •Wine etc.
Foods	•Chocolate •Jelly •Pudding •Curry •Stew •Soup etc.
Seasonings Sugars	•Soy sauce •Vinegar •Rice wine •Sauce •Isomerized sugar •Glucose sugar •Syrup •Synthetic sweetner etc.

## BX-1 Specification

Measuring range	0.0 ~ 85.0 Brix %
Precision	±0.2 Brix %
Minimum Resolution	0.1 Brix %
Temperature compensation function	Yes (10 ~ 75°C)
Display	Brix%
Power source	Two AAA (alkaline) batteries
Battery life	30,000 measurements *
Dust/water resistance class	IEC529 IP65
Main unit material	ABS resin
Weight	Approx. 100g (Excluding batteries)
Dimension	45(W)x32(D)x153(H)mm

\* Battery life is recorded by continuous measurements with new alkaline batteries.

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