kikkoman

Can you say it is "clean" with confidence?

Anyone can measure invisible contamination anywhere and anytime in only 10 seconds.

ATP *plus AMP* surface hygiene monitoring

Lumitester PD-20 and LuciPac Pen

New and Improved

LuciPac Pen (100 swabs)

*LuciPac Pen is intended for use exclusively with Lumitester PD-20

Lumitester PD-20

Small-size and Lightweight

World's smallest and weighs only 235 g
(battery not included)

Simple and Speedy

"Swab and measure. That's all."
Measuring time is only 10 seconds.

Super high sensitivity

Measures both ATP and AMP (US Patent No. 5891659).
Detects a still wider range of contamination.

- Suitable for cleanliness control of manufacturing sites and hygiene training of kitchens.
- Assess effectiveness of surface cleaning on the spot.

*ATP (adenosine triphosphate) is the substance contained in microorganisms and food residues and is used an indicator of biological contamination.
*AMP (adenosine monophosphate) is the substance generated from ATP changed by heating and fermentation.

Let's eliminate food poisoning accidents by cleanliness control and increased hygiene awareness.

- ATP surface hygiene monitoring method is described in Guidelines for Food Hygiene Inspection, Chapter of microorganisms 2004 (supervised by Japan's Ministry of Health, Labour, and Welfare).
- ATP surface hygiene monitoring is the first step to HACCP.

At restaurants and food service facilities

Prevent cross contamination by cleanliness control.

- Assess effectiveness of surface cleaning on the spot.
- Compare results from different locations to identify areas of elevated risk.

At food processing facilities

Is the washing evaluation of manufacturing lines satisfactory?

- The system displays its great capabilities not only in routine washing evaluation but also identification of contaminated portions in time of emergency.
- Being dry swabs, water sampling is enabled.

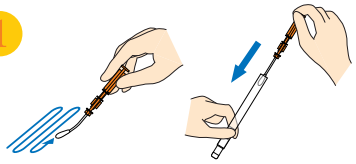
For hygiene training

Hygiene training is the basics of basics.

- Real-time feedback and easy-to-use protocols provide an excellent tool for hygiene training.

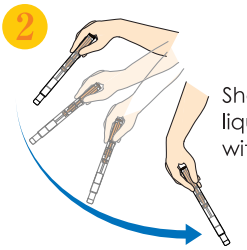
How to use

1



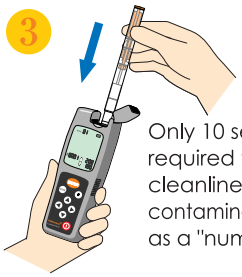
Moisten the swab, swab the object to be tested with the swab stick, put the swab stick back into the main body, and push once.

2



Shake off the extraction liquid and allow it to react with the reagent.

3



Only 10 seconds are required to measure the cleanliness. Degree of contamination is expressed as a "numerical value."

Lumitester PD-20 (Product code: 60485)	
Measuring time	10 seconds
Data output	Relative Light Unit
Data memory	2000 data
Power supply	AA alkali battery x 2 or AA nickel metal-hydride battery x 2
Size/weight	65x175x32 mm/about 235 g (battery not included)
Accessories	AA alkali battery x 2, cleaning brush, stand, USB cable, strap, quick manual, CD-ROM

LuciPac Pen (100 swabs) (Product code: 60331)	
Product form	Swabs, ATP extracting reagent, integral type inspection reagent including luminescent reagent
Package/packing	One aluminum bag containing 20 swabs and five bags make 1 kit (a total of 100 swabs)
Storage conditions	2-8°C Do not freeze.

*LuciPac Pen is a reagent dedicated for Lumitester PD-20. It is not used for conventional products.
*Measured values are same as conventional Lumitester PD-10(N) & LuciPac W.

<Precaution> *Do not use this product for other than intended use of cleanliness inspection. *This product is not used for general viable cell count or detection of specific pathogenic bacteria, etc., for which please take care.

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