

== Non-contact · high speed ==
Bottle thickness measuring system equipment
Plastic bottle thickness measuring system PA-2000

PA-2000



EWIG will provide trusting by the infrared technology

Labor saving and highly accurate measurement

The automatic inspection is achieved in on-line

- Genera1 -

This is plastic bottle thickness measuring system of the first domestic production.

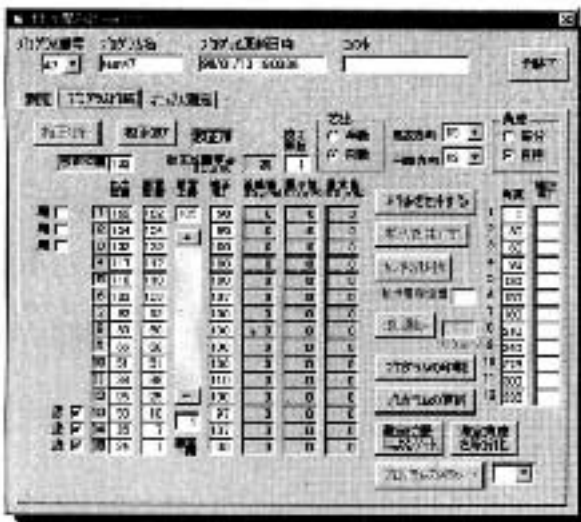
This system is completed by EWIG of the infrared technology which has cultivated.

This system gives priority to reliability and the safety of achievement and the quality of the labor saving.

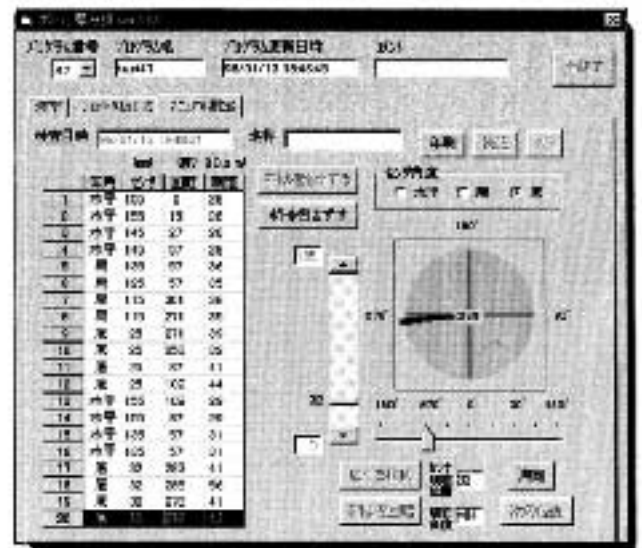
In addition, high reliability is guaranteed to detailed measurement data for the new commodity development research. A plastic material of the plastic bottle thickness measuring system is a kind more than before.

Making program and measuring data display

Usual measuring making program screen

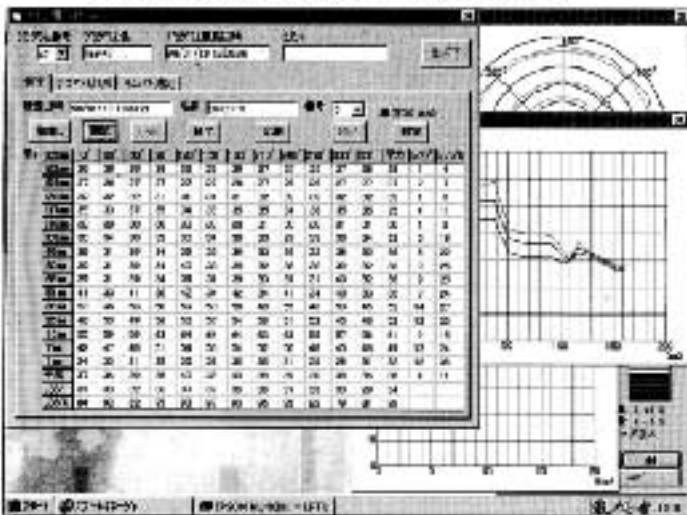


Manual measuring program screen

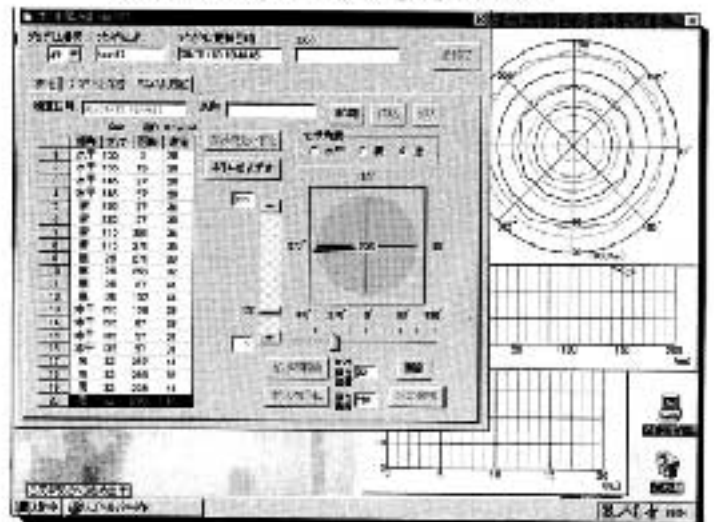


It is able to set at 1 mm each height and 1 degree by visual objects.

Usual measuring date display screen



Manual measuring display screen



Plastic bottle thickness measuring system

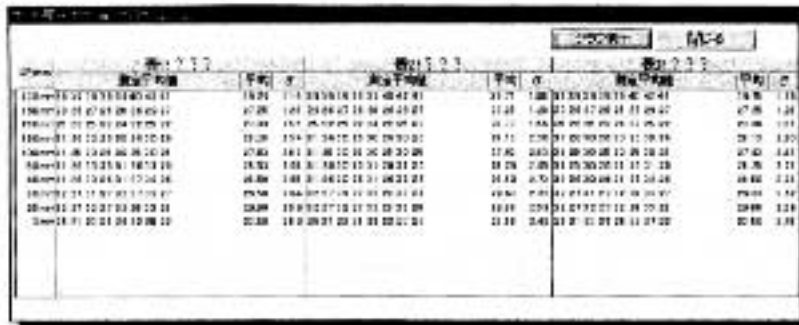
Stability and long life which can be trusted. This system is corresponded safe, high function and extendibility by high-grade sensor. Everyone can easily measure by the one-touch operation.

= Feature =

1. Many varieties of materials are measured
Bottle material, PE · PEN · PVC · PET · PP · PS · PC · etc.
2. Long-term stability of date
It is a blackbody in the source of light. It has the constant temperature unit of a highly technology at a sensor.
3. Watching confirmation at measuring position
Spot of visible laser light that there is no influence on eyes to measuring position always.
4. Enhancement of content of software
Manual measuring, total, each lot, standard deflection, software for value outside standard etc.
5. For measurement at R (bent) part
It can be automatic measuring at the R part of the bottom and the shoulder by the changing sensor angle of 45° up and down.
6. Easy operation
It can continuous measurement 100 bottles and data accumulate with one switch.
7. Data processing
Because the data is saved by text style, it is possible to process by Excel, etc.

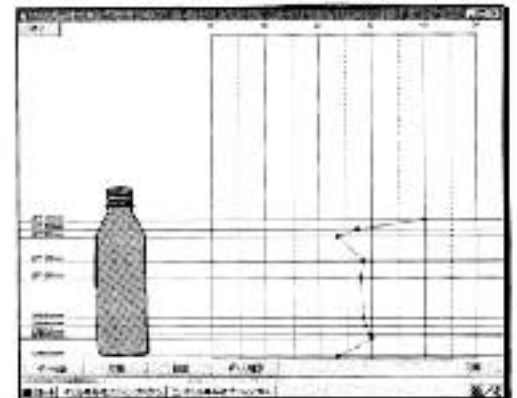
Content of measuring data and data total software

Total up data display screen according to lot

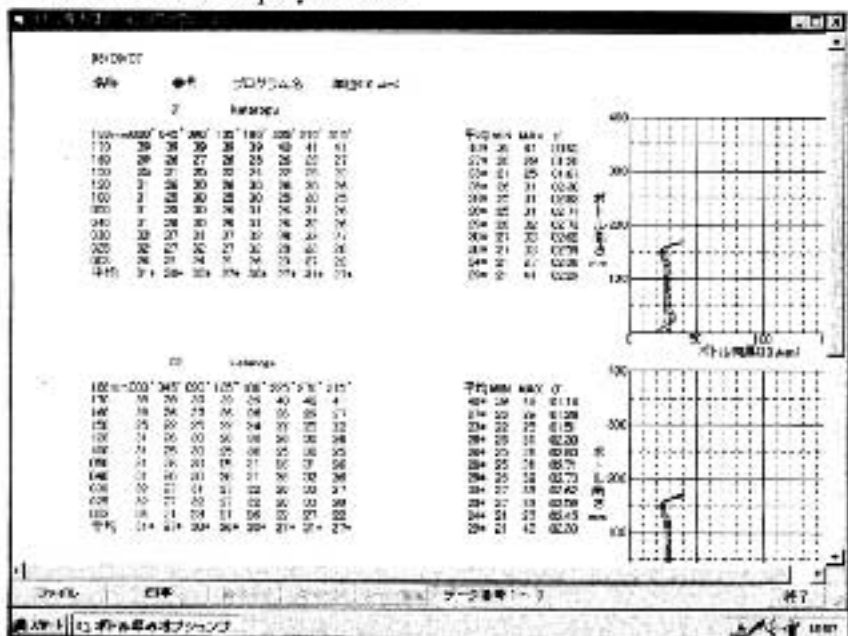


3 lot. Average value, Standard deviation

Visual image total data display screen

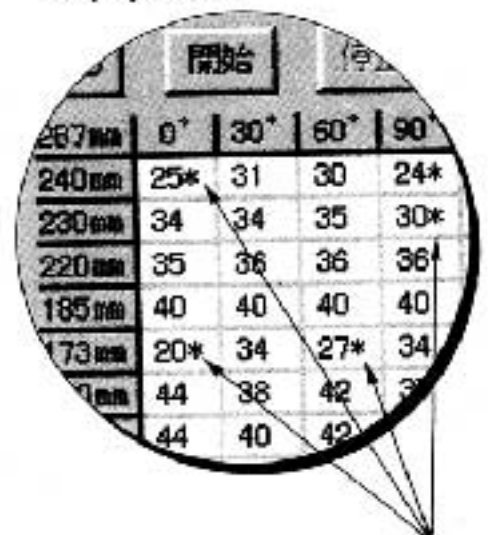


Lot total data display screen



Data for each bottle in a lot

Data of value outside standard display screen



The value outside the standard is displayed by mark *

Specification

Item \ Model	PA-2000
Measuring Range	0.1 ~ 1.5mm
Repeatability	10 μm
Accuracy	±2% of full scale It differs according to the quality, shape, and the color kind of bottle
Repeatability	± 10 μm(0.1 ~ 1.5mm thickness)
Measuring position	Side, shoulder and bottom The direction of height :3-15points(Set at 1mm each) The direction of the circumference : 1-12 points(Set every one degree) The measurement point is 180 point max.
Measuring time	30 ~ 45sec
Measuring spot	3 ~ 5 mm
Measuring result	Printer and CRT(LCD)
Computer	Desk top and note type computer (Windows XP) 256MB
Printer	A4 size
Interface	RS-232C
Line Voltage	Selectable 100/120/220/240V 50/60Hz
Size and weight	W400 × H983 × D400mm 50Kg max

Standard composition

Main body
Computer
Printer
Total software

Other products

Bottle sink (Bottle bottom height measurement)	Topload tester (Load deformation test equipment)
Bottle pressure-resistant measurement	Bottle & Preform mouth dimension measurement
Bottle can mouth dimension measurement	Infrared thermometer for bottle preform
Bottle height・body diameter measurement	Body outline form measurement
Decrease pressure-resistant measurement	Static image storage (GRS)
Preform automatic thickness measurement	

The specification and externals might be changed without a previous notice because of the improvement.

Sale・Project・Maintenance

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