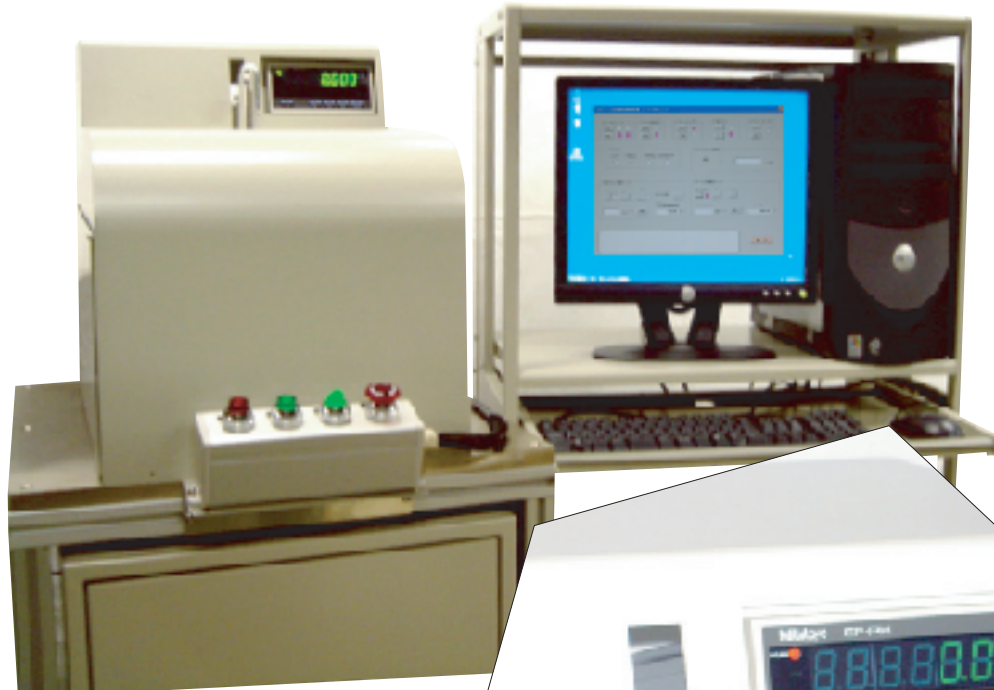


# Preform Automatic Thickness Measurement Equipment (Contact Method)

Model ME-5000



## General

This equipment is automatically measuring the thickness of Preform bottle for PET bottle, and outputs and total up the real-time data.

## Characteristic

This equipment was developed for Preform PET bottle only and it is within 5 $\mu$ m measurement accuracy by contact method (repeated accuracy at the fixing Preform).

\* It is within 4 $\mu$ m repeated measurement accuracy for 10 times gauging at fixed point.

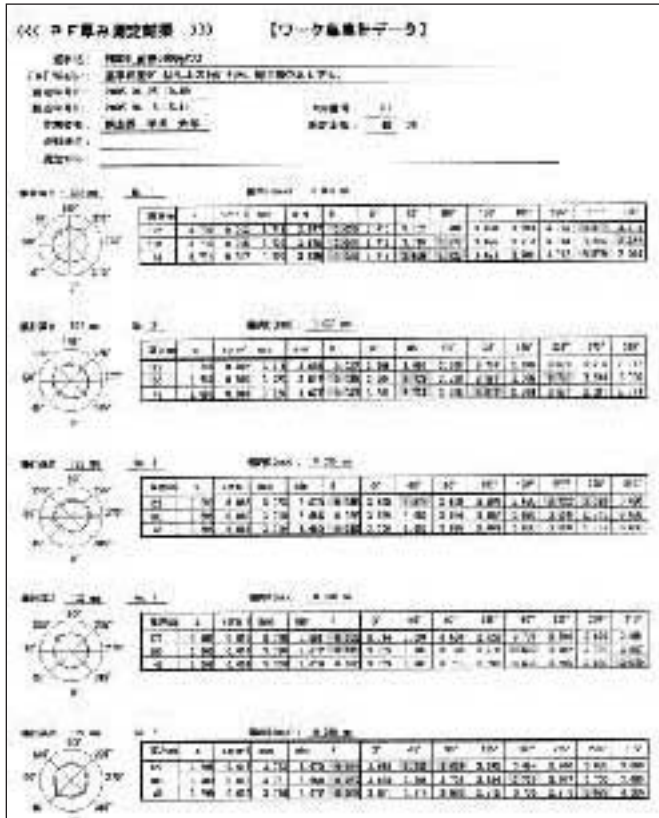
## Measuring Method

Contact method, it is measuring the thickness on height and circumference at any points by linear gauge.



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# Sample Data



# Specification

1	Target Preform and material	280ml ~ 2.0L PET • PE • PVC • PEN • PP • others	6	Measurement range	10mm from under neck ring, 10mm from bottom
2	Measurement	Contact special measuring head (linear gauge)	7	Measurement point	Height direction: 1 - 15 points (1mm step at any positions) Circumference direction: 1 - 16 points (1mm step at any positions)
3	Preform size	Max. height: L160mm Min. height: L90mm Max. outer diameter: 30mm (excepts neck ring out diameter) Min. outer diameter: 20mm (excepts neck ring out diameter) Max. inner diameter: 22mm Min. inner diameter: 12mm	8	Data output	Text file, CSV form
4	Measurement thickness range	1.5 ~ 6.0mm	9	Interface	RS-232C
5	Measurement accuracy	±4μm for 10 times repeated gauging ±5μm for repeated gauging of same measurement position of preform (condition at completed fixed the bottle)	10	Size, Weight	W600 × H1195 × D600mm, 100Kg
			11	Power consumption	1KW max. (Main body, Computer, Printer)
			12	Line Voltage	Selectable 100/120/220/240V 50/60Hz

# Other products

- Bottle sink (Bottle bottom height measurement)
- Bottle pressure-resistant measurement
- Bottle thickness automatic measurement
- Bottle can mouth dimension measurement
- Bottle height • body diameter measurement
- Decrease pressure-resistant measurement

- Topload tester (Load deformation test equipment)
- Bottle & Preform mouth dimension measurement
- Infrared thermometer for bottle preform
- Body outline form measurement
- Static image storage (GRS)

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

Sale • Project • Maintenance

**EWIG** Ewig Corporation

Togakushi Building 1F 7-5 Miyamae-cho Kawasaki-ku  
Kawasaki-shi Kanagawa 210-0012 Japan.  
Tel: +81-44-221-8605 Fax: +81-44-221-8608  
e-mail: sales@ewig.jp URL: http://www.ewig.jp  
Showroom: 7-5 Miyamae-cho Kawasaki-ku Kawasaki-shi  
(Togakushi Building 1F)

Distributor