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## Penyuling Bioethanol

### Tanki Fermentasi



### Bioethanol - Alcoholmeter



Ethanol by % Volume

Calibration Temperature 20°C

Individual number on the scale

a. Range : 90 to 100% Volume,

Accuracy 0.1, L = 350 mm

b. Range : 80 to 100% Volume,

Accuracy 0.2, L = 350 mm  
c. Range : 0 to 100% Volume,  
Accuracy 1, L = 360 mm  
% Volume/GL/Trales, 10-44 Cartier  
d. Range : 0 to 100% Volume,  
Accuracy 1, L = 360 mm  
% Volume/GL/Trales, 10-44 Cartier  
With Thermometer (0 to 40°C)

### Digital Brix Refractometer



Panjang : 192 mm  
Lebar : 102 mm  
Tinggi : 67 mm  
Weight : 420 g  
Resolution : 0.1% Brix, 0.1°C / 0.1°F  
Accuracy : ±0.2% Brix, ±0.3°C / ±0.5°F  
Light Source Yellow LED  
Battery Type : 1 x 9V AA (included)  
Battery Life : 5000 reading  
Auto-shut off  
Made in Italy  
Measurements Time Approximately 1.5 seconds

Minimum Sample Volume 100  $\mu$ L (cover prism totally)

Sample Cell SS ring and flint glass prism

Temp. Compensation Automatic between 10 and 40°C

Case Material ABS

Enclosure Rating IP 65

pH Tester (Waterproof)



Range : 0.0~14.0 pH  
Accuracy :  $\pm$  0.1 pH  
Resolution : 0.1 pH  
Size : 153 x dia 24mm  
Complete with : pH 7.01 20 mL sachet of calibration solution

## TDS Tester (Waterproof, ATC)



Panjang	: 153 mm
Diameter	: 24mm
Range	: 0 ~ 1999 ppm
Accuracy	: $\pm 2\%$ Full Scale
Resolution	: 1 ppm

Automatic Temperature Compensation.

Complete with : pH 7.01 20 mL sachet of calibration solution.

## pH Tester



Panjang	:	150 mm	
Lebar	:	29 mm	
Tinggi	:	20 mm	
Range	:	PH	0.00 to 14.00 PH
Accuracy	:	PH	$\pm 0.1$ PH
Resolution	:	0.1PH	
Complete with			
: pH 7.01 20 mL sachet of calibration solution.			

### pH Tester (WATERPROFF)



Panjang	:	188 mm	
Lebar	:	35 mm	
Tinggi	:	35 mm	
Range	:	- PH : 0.00 to 14.00PH	
- Temp : 0 to 50°C			
Accuracy	:	PH	$\pm 0.1$ PH
Temp	:		$\pm 1^{\circ}\text{C}$
Resolution	:	0.01PH	
Temp	:	0.1°C	
Operating temperature	:	0	to 50° C
Power Supply	:	4 × 1.5V (AG13)	
Calibration		Manual, at one point through trimmer	
Complete with		pH 7.01 20 mL sachet of calibration solution	

## Infrared Thermometer



Panjang	: 145 mm
Lebar	: 130 mm
Tinggi	: 38 mm
Temperature Range	: -32°C to 380°C
Accuracy	: $\pm 2\% + 2^\circ\text{C}$
Distance Spot Ratio	: 12:1
Emissivity	: 0.95
Resolution	: 0.1° C / ° F
Response time & Wavelength	500 ms
Repeatability	
°C / °F Selection	
Power	: Alkaline 9 Volt

## Thermometer Tusuk



Measuring range : - 50°C - +300°C  
- 58°F - +572°F

Memory of last measure.

Low battery sensation and display.

15 minute auto shutdown for power saving (option).

°C and °F display selectable.

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