

	PAL-COFFEE Cat.No.4523	PAL-COFFEE(TDS) Cat.No.4532	PAL-COFFEE(BX/TDS) Cat.No.4533		
Measurement	Brix : 0.00 to 25.00%(ATC)	TDS : 0.00 to 22.00%(ATC)	Brix : 0.00 to 25.00%(ATC)		
Range	Temperature : 10.0 to 100°C	Temperature : 10.0 to 100°C	TDS : 0.00 to 22.00%(ATC)		
			Temperature : 10.0 to 100°C		
Resolution	Brix : 0.01%	TDS : 0.01%	Brix : 0.01%, TDS : 0.01%		
	Temperature : 0.1°C	Temperature : 0.1°C	Temperature : 0.1°C		
Measurement	Brix : ±0.10%	TDS : ±0.10%	Brix : ±0.10%, TDS : ±0.10%		
Accuracy	Temperature :±1°C	Temperature :±1°C	Temperature :±1°C		
Temperature compensation range	10 to 7	100°C (Automatic Temperature Comp	pensation)		
Ambient Temperature	10 to 40°C				
Sample Volume					
Measurement Time	Approx. 5 seconds 120 seconds of continuous measurement		Approx. 3 seconds		
Power Supply	Two (2) AAA alkaline batteries				
International Protection Class	IP65 Dust-tight and Protected against water jets.				
Dimensions	55 (W) × 31 (D) × 109 (H)mm 100g (main unit only)				

• To control coffee concentration using TDS%, PAL-COFFEE (TDS) is recommended. ATC=Automatic Temperature Compensation • To ascertain both Brix% and TDS%, PAL-COFFEE (BX/TDS) is recommended.

All ATAGO refractometers are designed and manufactured in Japan.

ENV.02 15011000PP Printed in Japan

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ATAGO BRASIL Ltda. ATAGO CHINA Guangzhou Co., Ltd.

\* Specifications and appearance are subject to change without notice.

## PAL-COFFEE

Digital Hand-held "Pocket" Refractometer



## Brix and Yield (with target value examples provided by our coffee shop customers)



## **Before & After Measurement**

• Zero-set the unit with room temperature water. Make sure that both the unit and water for zero-setting have been acclimated to room temperature.

## • Keep the prism clean.

Residues left behind may cause erroneous readings. Clean the prism thoroughly after each measurement. Cotton swabs work well for cleaning the edges.

## Tips for Measuring Different Types of Coffee

## • Common for all types

The concentration of coffee changes over the course of the extraction process. Gently stirring the coffee will even out the

## consistency and promote measurement stability.

#### •French press coffee

Pour the coffee into a cup and let it sit undisturbed for a while to allow particles to sink to the bottom. Avoid sampling from the oily surface.

### Espresso

Espresso generally contains more particles than drip coffee. Measurement fluctuation by 0.5% is common.

## When cupping

Scoop out any floating grounds and oil thoroughly as they may cause unstable measurements.



## MY COFFEE RECIPE Ideal for top quality coffee recipe management.

# MY COFFEE RECIPE



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