

**Digital Hand-held "Pocket" Lactose Refractometer PAL-19S**



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**Product Comparison**


**How to Measure**  
 How To measure


**Product Q & A**  
 Question And Answer

Quantity

Request Quotation

**Specifications**

Model	PAL-19S
Cat.No.	4419
Scale	Lactose (g/100g) Temperature
Measurement Range	Lactose : 0.0 to 20.0% (g/100g) Temperature : 10.0 to 40.0° C
Resolution	Lactose : 0.1% Temperature : 0.1° C
Measurement Accuracy	Lactose : ±0.2% Temperature : ±1° C
Temperature compensation range	10 to 40° C (Automatic Temperature Compensation)
Ambient Temperature	10 to 40° C
Sample Volume	0.3 mL
Measurement Time	3 seconds
Power Supply	2 x AAA Batteries
Battery Life	Approx. 11,000 times measurement (when alkaline batteries are used)
International Protection Class	IP65 Dust-tight and Protected against water jets.
Dimensions & Weight	55(W) x 31(D) x 109(H)mm, 100g (Main Unit only)

**Options**

- [PAL-CASE](#) : RE-39409
- [PAL Silicone Cover](#) : RE-39413
- [STRAP](#) : RE-39410

Patent for Invention Registration No. ZL200310103015.2 (China)

Patent for Design Registration No. ZL03303431.1 (China), 089244 (Taiwan)

Patent Granted in countries around the world.