

Digital Hand-held "Pocket"

ATAGO®

Honey Refractometer

PAL-22S Cat.No.4422



The easiest, most objective way to check **honey** moisture



Purpose of Use



- To check the quality of outgoing products
- To check the grades of incoming products

How to Measure



1 Place the sample onto the prism surface.



2 Press the START key.



3 The measurement value will be displayed in 3 seconds.

Accessories

- PAL-case Clipped to your belt
- PAL-strap



Convenient!

Reason to choose PAL-22S



Digital display -no more boundary line



Calibration with water only -no more calibration liquids



Rinse under running water



Measurement time, only 3 seconds!



Measure indoors & outdoors



Temperature display



Sysmex Nederland B.V.
P.O. Box 231, 4870 AC Etten-Leur
Phone +31 (0)76 508 6000
Fax +31 (0)76 508 6086

Sysmex Belgium N.V.
Park Rozendael, Building A
Terhulpssteenweg 6a, 1560 Hoeilaart, Belgium
Phone +32 (0)2 769 7474 • Fax +32 (0)2 769 7499

Specification

Measurement Range	Honey Moisture 12.0 to 30.0%, Temperature 10.0 to 40.0°C
Resolution	Honey Moisture 0.1%, Temperature 0.1°C
Measurement Accuracy	Honey Moisture ±0.2%, Temperature ±1°C
Measurement Temperature	10 to 40°C (ATC*)
Ambient Temperature	10 to 40°C (ATC*)
Sample Volume	0.3ml or more
Measurement Time	3 seconds
Power Supply	2 alkaline batteries
Battery Life	Approx. 11,000 measurements (Using a new alkaline battery)
International Protection Class	IP65 Water Resistant
Dimensions and Weight	55 (W)×31 (D)×109 (H)mm, 100g (Main unit only)

*ATC : Automatic Temperature Compensation

Honey refractometer MASTER-HONEY Cat.No.2524

The honey refractometer is specially designed to determine the percentage of water contained in honey by means of the refractive index.



- Automatic Temperature Compensation (ATC)
- International Protection Class : IP65 (Except eyepiece)

Measurement Range	Honey Moisture 12.0 to 30.0%
Minimum scale	0.2% (water content in honey)
Accuracy	±0.2% (10 to 40°C)
Repeatability	±0.1%
Dimensions and Weight	3.2×3.4×16.8cm, 90g

All ATAGO refractometers are designed and manufactured in Japan.



HACCP

GMP

GLP

ATAGO products comply with HACCP, GMP, and GLP system standards.

ATAGO CO.,LTD.

The Front Tower Shiba Koen, 23rd Floor 2-6-3 Shiba-koen, Minato-ku, Tokyo 105-0011, Japan
TEL: 81-3-3431-1943 FAX: 81-3-3431-1945 overseas@atago.net http://www.atago.net/

[V.04] 1303K Printed in Japan