FEATURES

- Wide measuring range (Brix 0 ~ 53%)
- Refractive index measurement (RI)
- Temperature measurement (°C/°F)
- Ambient temperature compensation (ATC)
- Brix or RI high/low limit value alarm function
- Zero calibration with distilled or deionized water
- Friendly operation and easy to use
- Wide and dual display LCD and backlight function
- Reliable water resistant (IP65)
- Auto power off function
- Data memory and read functionmperature

RS PRO Brix Meter

RS Stock No.: 2107487, 2107617

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

APPLICATIONS

- Food industry: Beverages, fruits and sweets

- Industry: Monitoring of lubricants in machines and quality control

- Agriculture: Determination of the degree of ripeness of fruit for quality control in harvesting

General Specifications

Sensor	Photodiode arrays
Measuring Function	Brix (%) Temperature (°C/°F) Refractive index (RI)
Brix Range	0.0 ~ 53.0% (10 ~ 40°C/50 ~ 104°F Automatic temperature compensation)
RI Range	1.3329 ~ 1.4265
Temperature Range	4 ~ 60°C (39.2~140°F)
Accuracy (Water at 23°C /73.4°F)	Brix: ±0.2%, Temperature: ±1°C/°F RI: ±0.0003
Resolution	Brix: 0.1%, Temperature: 0.1°C/°F, RI: 0.0001
Data memory Capacity	99 sets. (Direct reading from LCD display)
Operation Temperature Range	10~40°C (50 ~ 104°F), Less than 85%RH
Store Temperature Range	0~50°C (32 ~ 122°F), Less than 85%RH
Response Time	3 seconds
Accessories	Instruction manual, Battery, One sample vial, Two transfer plastic pipettes, Carrying case

Mechanical Specifications

Dimensions	148mm x 78mm x 50mm
Width	78mm
Length	148mm
Height	50mm
Weight	Approx. 250g

Electrical Specifications

Battery	AAA batteries x 4

Protection Category

International Protection Class	IP65 water resistant

Additional Information

EAN	8000126233360
Custom Tariff Number	85371098

Classification

eCl@ss (Version)	
UNSPSC (Version)	

Approvals

Compliance/Certifications	CE

Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3
XXX-XXXX	RS PRO				

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories