

Automatic digital refractometer RFM970

Catalog No.:	22-70
Model:	Automatic digital refractometer
Producer:	Bellingham+Stanley, Ltd.
Brand name:	B&S
Country of origin:	United Kingdom
Price:	Price on request
(valid on 07-02-2012)	



Designed as a replacement for the RFM800 series, the new RFM900 series of refractometers combine latest opto-electronic principles with durability and ease of use.

RFM900 refractometers feature RFID (radio frequency identification) that allows users to identify themselves by simply swiping a tag across the top of the instrument to enable measurement and in certain cases, access to the configuration menu.

A new low profile sample dish and non-contact presser makes sample application and cleaning much easier than with its predecessor. Readings can be taken automatically on the replacement of the presser and up to 700 stored results can be easily viewed in tabular form on the instrument display. Peltier temperature control and intelligent temperature management ensures readings are only taken when the sample and refractometer temperatures are both stable.

The instruments conform to a number of industry measurement standards and offer operational features that allow use in an environment controlled by FDA regulation 21 CFR Part 11. The use of a Kalrez® gasket and sapphire prism facilitates placement in the harshest measurement environments including those in the pharmaceutical, petrochemical, aroma, flavour, fragrance and other high RI sectors.

Technical specification

Name	Value
scale, °Brix	0-100
scale, RI	1.30 - 1.70
User defined scales	YES (100)
Resolution (°Brix)	0.01
Resolution, RI	0.00001
Accuracy (°Brix)	± 0.02
Accuracy, RI	± 0.00002
Automatic Temperature Compensation, °C	5 - 80
Reading time (s)	min. 4
Operating temperature (°C)	0 - 80
Accuracy (°C)	± 0.03
Interface	2 x RS232, 1 x parallel
Presser type	Polyacetyl

Related products

Recommended		
26-155	Splash cover	11.95 EUR

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Recommended		
55-250	Waterproof Power Supply Unit	288.15 EUR

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