

RFM340 Refractometer

Multipurpose Automatic Digital Refractometer



soft drinks
confectionery
fruit juice
honey
sea water
antifreeze
sugar
brine
oil
wine
starch
beer



Bellingham + Stanley Ltd.
Quality Scientific Instruments

RFM340 Automatic Digital Refractometers

Featuring:

Sapphire Prism

Easy wipe stainless steel dish

LED light source

Self Scanned Array detector

External power supply

Large LCD display with contrast control

RI, Brix, and 16 other scales

Borderline Quality indicator

User friendly software

Password security

Single or continuous reading

Reading delay

RS232 Interface

GLP printout

Optional* Utilities Software

Optional* Printers

Optional* Interface Cables

Optional* Flowcells

Optional* Waterbaths

Optional* Calibration fluids

*For details on optional accessories contact B+S or visit our website

The RFM340 digital refractometer is one of the most commonly used instruments of its type in the world today.

An easy clean sample dish combined with sapphire prism housed in a water resistant case allows readings to be taken quickly, whether in a laboratory or wet factory environment. An optional waterproof power supply is available.

The simple dual LCD readout provides clear information about the reading and instrument configuration. Calibration, scale selection, print out configuration etc. are simply made via the instrument menus accessed via four password protected 'soft keys.' Printout configurations provide data in accordance with Good Laboratory Practice and include date, time, batch and operator numbers as well as information about the instrument and calibration.

Whether the application is in the food, beverage, sugar, pharmaceutical or general industries, the RFM340 provides reliable results and ease of use.

Special adaptations and modifications made to RFM340 refractometers to meet specific customer requirements may be possible on request to B+S Ltd. Wall mounted versions, specifically for the wine and beverage industry, are also available.

Specifications

Scale	
Sugar [†] (°Brix)	0-100
RI	1.33 to 1.54
Resolution	
Sugar (°Brix)	0.01
RI	0.00001
Accuracy	
Sugar (°Brix)	±0.03
RI	±0.00004
Other Scales	Up to 16 available from preprogrammed standard scales: Zeiss, Oechsle, Butyro, Fructose etc. Customer defined scales programmable by push button entry.
Temperature Compensation	Sugar [†] (5-60 °C) User defined (RI/°C)
Circulation Temperature	5-60 °C
Ambient Temperature	5-45 °C
Reading Time	6.5 seconds (optional delay)

[†]Sugar scale and sugar compensation extrapolated from ICUMSA data.



Power Supply

External 100-240v~, 50-60Hz, 50mA

Order Code

25-40 Automatic digital refractometer supplied with spare desiccator and instructions for use



To see further details on accessories and the complete range of Bellingham + Stanley products visit our website at: bellinghamandstanley.com

CE These products comply with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC

Bellingham + Stanley Ltd pursues a policy of continuous product development and improvement, and, as such, information given on this Data Sheet may be updated or withdrawn without notice.



Bellingham + Stanley Ltd operates a Quality Management System complying with BS EN ISO 9001:2000 (Certificate No. LRQ 0963791).



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