



# OPTi+

## Digital Hand Held Refractometers

FULL & HIGH BRIX MODELS FOR FOOD, BEVERAGE AND INDUSTRIAL APPLICATIONS

## OPTi+

OPTi+ hand held refractometers extend the measuring range of the successful half Brix OPTi launched in 2011. Covering the complete Brix range, a number of scale derivatives are available making the OPTi+ a perfect instrument for a wide range of applications whether measurement is required in the field or as a support instrument within the factory or lab.

New software has been developed for the OPTi+ not only to improve the overall measurement performance but also to enhance the user experience by offering a number of unique features; making the OPTi or OPTi+ the instrument of choice for professionals looking to achieve the highest level in portable quality assurance analysis.

### **New software platform enhances OPTi performance!**

- Full 0-95 Brix range (or equivalent scale)
- Single or "Duo" scale models
- ICUMSA (Brix) and application specific temperature compensation (ATC)
- Touch-of-a-button temperature display with °C or °F option
- Unique measurement verification mode using long-life AG Fluids
- Certificate of Calibration showing traceability to ICUMSA and NIST
- Stainless steel prism dish for rapid sample temperature stabilization
- Choice of over 10 OPTi+ and 50 OPTi models
- Robust & Ergonomic design to IP65



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# OPTi+ Digital Hand Held Refractometers



## General Specifications

Resolution (Brix/RI)	0.1 / 0.0001 (or scale equivalent)
Accuracy (Brix / RI)	+/- 0.2 / 0.0001 (or scale equivalent)
Temperature Compensation (ATC)	ICUMSA / App. Specific / None
Ambient Temperature Range	5-40°C
Battery Life	10,000 readings (2 x AAA/LR03)



## OPTi+ Single Scale Models

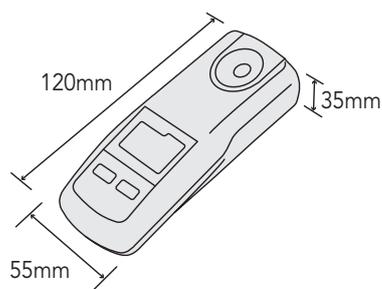
Code	Type	Scale	Range	Resolution	Accuracy	ATC
38-A1	Brix 95+	Sugar % (°Brix)	0-95	0.1	±0.2	Bx
38-A2	RI 1.54+	Refractive Index (RI)	1.33-1.54	0.0001	±0.0003	Bx
38-H1	HFCS 42+	42 HFCS	0-95	0.1	±0.2	Bx
38-H2	HFCS 55+	55 HFCS	0-95	0.1	±0.2	Bx
38-H3	HFCS 90+	90 HFCS	0-95	0.1	±0.2	Bx
38-B8	Brix 95+ NTC	Sugar % (°Brix)	0-95	0.1	±0.2	NONE
38-B9	RI 1.54+ NTC	Refractive Index (RI)	1.33-1.54	0.0001	±0.0003	NONE

## OPTi+ Duo Scale Models

Code	Type	Scale	Range	Resolution	Accuracy	ATC
38-A3	Brix 95/Honey+	A Sugar % (°Brix)	0-95	0.1	±0.2	Bx
		B Water in Honey %	10-30	0.1	±0.2	Honey
38-B1	Brix 95/RI 1.54+	A Sugar % (°Brix)	0-95	0.1	±0.2	Bx
		B Refractive Index (RI)	1.33-1.54	0.0001	±0.0003	Bx
38-H4	HFCS 42/55+	A 42 HFCS	0-95	0.1	±0.2	Bx
		B 55 HFCS	0-95	0.1	±0.2	Bx
38-H5	HFCS 55/90+	A 55 HFCS	0-95	0.1	±0.2	Bx
		B 90 HFCS	0-95	0.1	±0.2	Bx
38-H6	Brix 95/HFCS 42+	A Sugar % (°Brix)	0-95	0.1	±0.2	Bx
		B 42 HFCS	0-95	0.1	±0.2	Bx
38-H7	Brix 95/HFCS 55+	A Sugar % (°Brix)	0-95	0.1	±0.2	Bx
		B 55 HFCS	0-95	0.1	±0.2	Bx
38-H8	Brix 95/HFCS 90+	A Sugar % (°Brix)	0-95	0.1	±0.2	Bx
		B 90 HFCS	0-95	0.1	±0.2	Bx

## OPTi High Range Models (for more new models, please visit our website)

Code	Type	Scale	Range	Resolution	Accuracy	ATC
38-04	Jam 75	Sugar % (°Brix)	20-75	0.1	±0.2	Bx
38-10	Honey/Brix	A Water in Honey %	10-30	0.1	±0.2	Honey
		B Sugar % (°Brix)	50-95	0.1	±0.2	Bx
38-11	HFCS Hi 42/55	A 42 HFCS	50-95	0.1	±0.2	Bx
		B 55 HFCS	50-95	0.1	±0.2	Bx
38-12	HGCS Hi 55/90	A 55 HFCS	50-95	0.1	±0.2	Bx
		B 90 HFCS	50-95	0.1	±0.2	Bx



For further OPTi+ models, please visit our website.



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### International

Longfield Road  
Tunbridge Wells, Kent  
TN2 3EY  
United Kingdom  
Tel: +44 (0) 1892 500400  
Fax: +44 (0) 1892 543115  
sales.bs.uk@xylem.com

### USA

1000 Hurricane Shoals Road  
Building D, Suite 300  
Lawrenceville, GA 30043  
United States of America  
Tel: 770 822 6898  
Fax: 770 822 9165  
sales.bs.us@xylem.com

[www.bellinghamandstanley.com](http://www.bellinghamandstanley.com)