



OPTi-ABV Alcohol by Volume Digital Hand Held Refractometers

FOR CALCULATING THE ALCOHOL CONTENT OF BEER, WINE & CIDER



Bellingham + Stanley designed OPTi digital hand held refractometers are manufactured in the UK as highly reliable premium quality instruments suitable for use in the harshest of environments across a wide application scope.

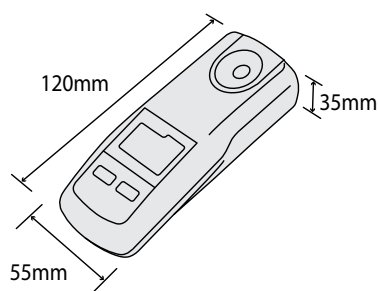
OPTi refractometers are constructed using the latest manufacturing techniques including stainless steel injection molding to construct the easy clean prism dish, ultrasonic welding to bond the housings and a rubberized switch membrane to further protect against moisture ingress and excess wear.

- Dual Scale - Choice of scale derivatives
- Four decimal place LCD display
- 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
- Robust & Ergonomic design to IP65
- Use with especially calibrated B+S hydrometer
- On-line and mobile calculators give ABV in seconds
- Typical accuracy ± 0.5 % ABV for beer wine & cider



a xylem brand

Simple ALCOHOL CONTENT measurement by way of refractometer, hydrometer and on-line calculator.



General Specifications - Zeiss Scale

Range	10-135
Resolution	0.1
Accuracy	0.2
Temperature Compensation (ATC)	ICUMSA (Brix)
Ambient Temperature Range	5-40°C
Battery Life	10,000 readings (2 x AAA/LR03)



OPTi-ABV Duo Scale Models

Code	Type	Scale	Range	Resolution	Accuracy	ATC
38-47	ABV	A % Mass w/w	0-35	0.1	±0.2	Bx
		B ABV (°Zeiss)	10-135	0.1	±0.5	Bx
38-48	Brew SG	A Wort SG (Sucrose equiv.)	1.000-1.120	0.0005	±0.001	Bx
		B ABV (°Zeiss)	10-135	0.1	±0.5	Bx
38-49	Brew	A ABV (°Zeiss)	10-135	0.1	±0.5	Bx
		B °Plato	0-30	0.1	±0.2	Bx

Accessory Items

Code	Description	Range	Resolution
44-839	Hydrometer	0.980-1.050	0.001
44-838	Hydrometer Jar		
38-016	Belt Pouch		

It's as easy as ONE, TWO, THREE....

1. Measure SG with the hydrometer
2. Measure the Zeiss value with the refractometer
3. Enter the values into the on-line calculator to achieve ±0.5% ABV

Visit our website to see how the on-line calculator works!



a xylem brand

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

United States
 90 Horizon Drive
 Suwanee
 GA 30024
 United States of America
 Tel: 678 804 5730
 Fax: 678 804 5729
 sales.bs.us@xylem.com

www.bellinghamandstanley.com