

TitraLab® TOTAL HARDNESS ANALYZER

Applications

- Drinking Water
- Wastewater
- Industrial Water



Specifically designed for total hardness in water applications, providing the perfect solution to routine analysis.

Fast Titration Results

The ultimate optimization of applications and an embedded preset algorithm provide fast results.

Ultimate Analytical Performance

The high-resolution, 40,000-step electronic burette delivers dependably accurate titration results.

Push-button Operation

The preset display offers the instrument operator superior comfort and ease of use.

Minimal Training Required

The intuitive user interface and ready-to-use, pre-programmed methods, plus the brief, yet comprehensive operating manual minimize training time.

Compact Setup

Titration, electrode and all accessories are included. Add chemistries and setup is complete.

Specifications*

Application	Total Hardness in Water
Languages	Spanish, English, French, Italian
Burette: Volumes Available	1x 10 mL Plastic syringe, resolution 0.001 mL
Burette motor resolution	40,000 steps
Pumps	1 integrated peristaltic pump for automatic reagent addition
Sample size	50 mL
Detection Limit	6 mg/L CaCO ₃ analyzing 100 mL sample
Range	From 12 up to 800 mg/L CaCO ₃
Unit	meq/L, mmol/L, ppm & mg/L CaCO ₃ ; dGH & °dH; gpg; °e & °Clark. °F
Titrant	EDTA 0.01M (0.02N)

Reagent	Hach Buffer Reagent Hardness 1
Automatic Reagent Addition(s)	Yes
Titrant Calibration	Yes
Sample Volume	Adjustable
Enclosure Construction	ABS and enameled steel
Weight	approx. 8.82 lbs. (4 kg)
Dimensions Metric (H x W x D)	300 mm x 130 mm x 160 mm
Operating Temperature Range	15 to 40 °C
Operating Temperature	-10 to 50 °C
Operating Humidity	< 80 %

*Subject to change without notice.

Ordering Information

LLV2310.97.1102 TitraLab Hardness in Water

Accessories

LZW5046.97.0002	Combined silver rod electrode for salt titration
LZW8691.99	Spare pump cassette with Neoprene tube, 2 mm I.D., 70 mL/min
LZW2324.99	Polypropylene Beakers, 50 mL (I.D. 30 mm), 10 pcs
LZW9339.99	Teflon coated stirring bar, 20 x 6 mm, 10 units
LZW2323.99	10 mL Syringe, Plastic
LZW9249.99	Electrovalve for Burette
LZW8201.99	Thermal printer, RS 232, for sensION+ benchtop
LZW9117.99	Thermal paper for printer LZW8201.99, bag with 5 rolls
LZW8200.99	Dot-impact printer, RS 232, for sensION+ instruments
LZW9000.99	Standard paper for printer LZW8200, bag with 10 rolls

HACH COMPANY World Headquarters: Loveland, Colorado USA

United States: 800-227-4224 tel 970-669-2932 fax orders@hach.com
 Outside United States: 970-669-3050 tel 970-461-3939 fax int@hach.com
hach.com

LIT2828

F14 Printed in U.S.A.

©Hach Company, 2014. All rights reserved.

In the interest of improving and updating its equipment,

Hach Company reserves the right to alter specifications to equipment at any time.



Be Right™