

Hach® Digital Titrator No more cleaning glassware

- Eliminate glassware cleanup with interchangeable, sealed titrant cartridges
- Portable, precision dispensing with automatic titrant calculation



The Hach digital titrator produces repeatable results through the use of concentrated titrants packaged in compact interchangeable cartridges. To titrate, simply attach a cartridge to the titrator and insert a delivery tube. Each turn of the delivery knob dispenses a calculated amount of titrant. The numerical counter records the volume. When the end point is reached, calculate the sample concentration using the number displayed on the counter. Any remaining reagent may be capped and stored for future use.

What's included: plastic case and five straight delivery tubes. Order interchangeable titrator cartridges separately below.



Dispensing	Catalog number	Price
800 digits/mL or 0.00125 mL/digit	GH-24908-00	

- [GH-24908-50](#) Straight delivery tubes, with J-hook. Pack of 5
- [GH-24908-55](#) Bent 90° tubes, with J-hook. Pack of 5

Interchangeable Titrator Cartridges

These compact 13-mm, high-density polyethylene cartridges save storage space, lower shipping costs, and are ideal for fast accurate titrations anywhere. Cartridges maintain titrants at high purity by eliminating evaporation and air space that could lead to deterioration. Cartridges provide 100 typical titrations. Low-volume use minimizes waste and saves money.

Parameter†	Range	Titrant	Catalog number	Price
Acid-base	1 to 10 mg/L acid	1.6 N NaOH	GH-24908-60	
Alkalinity	10 to 160 mg/L CaCO ₃	0.1600 N H ₂ SO ₄	GH-24908-64	
	10 to 4000 mg/L CaCO ₃	1.600 N H ₂ SO ₄	GH-24908-66	
Chloride	2.5 to 150 g/L Cl ⁻ , 100 to 10,000 mg/L Cl ⁻	1.128 N AgNO ₃	GH-24908-68	
	10 to 100 mg/L Cl ⁻	0.2256 N AgNO ₃	GH-24908-72	
Hardness, calcium	10 to 160 mg/L CaCO ₃	0.0800 M EDTA	GH-24908-76	
	100 to 4000 mg/L CaCO ₃	0.800 M EDTA	GH-24908-78	

†Hach offers more than 75 concentrated titrants. Call our Application Specialists for additional cartridge options.

Hach® TitraLab® pH/Total Alkalinity and Hardness Kits Simplify your routine water titrations

- Minimal training required—ready-to-use, preprogrammed methods
- User interface in English, Spanish, French, and Italian
- GLP-compliant data logging for up to 55 data sets
- No need to buy separate components—kits include all accessories



Get fast titration results from application specific kits that are ready-to-use with preprogrammed methods for accurate results from high-resolution 40,000-step electronic burette. Data logging stores up to 55 data sets with date and time stamp. Complete kits include everything except chemicals to run the titrations.

pH/Total Alkalinity kit performs acid-base titrations in water with up-to-three point calibration.

Total Hardness (calcium and magnesium) kit performs complexometric titrations in water with a range from 6 to 800 ppm CaCO₃.

What's included: 94100-30 includes: pH combination electrode, stirrer and stirring bar, valve for burette, syringe, and universal power cord. 94100-40 includes: silver rod electrode, stirrer and stirring bar, valve for burette, pump cassette with tubing (2 mm I.D.), syringe, and universal power cord.



Specifications

Volume resolution: 0.001 mL
Data logging: stores up to 55 data sets
Sample size: 50 mL
Power: 100 to 240 VAC; 50/60 Hz

Units: ppm, mg/L, meq/L, mmol/L, CaCO₃, dGH, gpg, °dH, °clark, °F

Description	Catalog number	Price
TitraLab pH/Total Alkalinity Analyzer	GH-94100-30	
TitraLab Total Hardness Analyzer	GH-94100-40	

Accessories

- [GH-59004-54](#) Replacement pH combination electrode
- [GH-66201-03](#) Replacement beakers, polypropylene, 50 mL. Pack of 10
- [GH-04775-40](#) Replacement stirring bars, PTFE-coated, 20 x 6 mm. Pack of 10
- [GH-07944-12](#) Replacement syringe, plastic, 10mL. Pack of 50