

Titrants



Different type :

1. Burette Test Kit Case

Highlights:

- Highly accurate titrimetric analysis
- Robust packaging to avoid breakage
- Mix and match functionality
- Additional storage capability

Burette Titration offers a highly accurate titrimetric analysis.

Applications:

- Boiler Water
- Cooling Water
- Food and Beverage



Discription:

Burette Methods have been traditionally used for many years in laboratories for highly accurate titrimetric analysis. However, being delicate glass units, outside of the laboratory they are quite cumbersome and easily broken. The Lovibond® Burette test kit has transformed this by combining 10 ml burettes with 250 ml reservoirs allowing for up to 5 burette systems to be incorporated into one robust carry case. The test packs below can be used to construct specific test kits. A multipurpose board is included in the right hand side to hold other equipment from the Lovibond® range such as pH, conductivity and comparator tests.

Products:

Testparameter	Part Number
Acidity	0.01 - 5 % H_2SO_4
Alkalinity (P, M, OH)	10 - 2000 mg/l CaCO_3
Chloride	50 - 2000 mg/l Cl^-
Chlorine (Available)	100 - 5000 ppm
Hardness (Calcium&Magnesium)	10 - 2000 mg/l CaCO_3
Nitrite	10 - 2000 mg/l NaNO_2
Sulphite	10 - 100 mg/l Na_2SO_3

Suitable Reagents:

Title	Measuring Range	Packaging Unit	Part Number
Alkalinity (P,M,Oh) Burette Reagent Pack	10 - 2000 mg/l CaCO_3	1 pc.	56R012150
Chloride Burette Reagent Pack	50 - 2000 mg/l Cl^-	1 pc.	56R012250
Hardness Burette Reagent Pack	10 - 2000 mg/l CaCO_3	1 pc.	56R012450
Nitrite Burette Reagent Pack	10 - 2000 mg/l NaNO_2	1 pc.	56R012550
Acidity Burette Reagent Pack	0.01 - 5 % H_2SO_4	1 pc.	56R012050
Sulfit Burette Reagent Pack	10 - 100 mg/l Na_2SO_3	1 pc.	56R012650

Accessories:

Title	Part Number
150 ml Flask	56A006401
Syringe, 20 ml, Plastic	56A006501
Stirring rod and spoon	56A006601
60 ml Plastic Titration Jar With Cap	56A006701
10 ml Burette including reservoir, jet and valve	56A006301

2. Digital Titrator Hardware

Highlights:

- High accuracy
- Safe and compact for field testing
- Dedicated syringette assembly for accurate dosing
- < 1 ml of reagent per test

Digital Titration is a fast and accurate test for the industrial chemist and industrial water treatment engineer.

Applications:

- Boiler Water
- Cooling Water
- Disinfection Control
- Food and Beverage
- Textiles



Discription:

Fast and accurate titration tests for the industrial chemist and industrial water treatment engineer. The DIGI Titrator uses a dedicated syringette assembly to deliver accurate doses of titrant to enable high accuracy titration tests to be performed outside of the laboratory in a safe, compact way, using less than a millilitre of reagent per test.

The compact DIGI Titrator is at the heart of the Lovibond® professional range of portable laboratories where several syringettes can be included in one kit for maximum flexibility. One syringette per test type.

Range:

Testparameter	Measuring Range
DIGI Acidity	0.1 - 50
DIGI Alkalinity (P, M, OH)	10 - 2000 mg/l CaCO_3
DIGI Chloride	50 - 2000 mg/l Cl^-
DIGI Chlorine Bleach	10 - 2000 mg/l Cl_2
DIGI EDTA (Free)	75 - 3000 mg/l EDTA
DIGI Hardness (Calcium)	10 - 2000 mg/l CaCO_3
DIGI Hardness (Total/Calcium)	10 - 2000 mg/l CaCO_3

Testparameter	Measuring Range
DIGI Hardness (Total)	10 - 2000 mg/l CaCO_3
DIGI Nitrite	20 - 20000 mg/l NaNO_2
DIGI Peracetic	20 - 800 mg/l PAA
DIGI Phosphonate	2 - 50 mg/l HEDP
DIGI Sulphite	10 - 100 mg/l Na_2SO_3
DIGI Total Chelant	100 - 2800 mg/l EDTA
DIGI Zinc (Free Soluble)	0.1 - 10 mg/l Zn
DIGI Zinc (Total Complexed)	0.1 - 10 mg/l Zn

Suitable Reagents:

Title	Measuring Range	Packaging Unit	Part Number
DIGI Alkalinity (P, M, Oh) Titrator Reag	10 - 2000 mg/l CaCO_3	1 pc.	56R010150
Chlorine Bleach Titrator Pack	10 - 2000 mg/l Cl_2	1 pc.	56R010350
DIGI Chlorid	50 - 2000 mg/l Cl^-	1 pc.	56R010250
Total Chelant Titrator Pack	100 - 2800 mg/l EDTA	1 pc.	56R011250
DIGI EDTA (Free)	75 - 3000 mg/l EDTA	1 pc.	56R010450
Hardness (Calcium) Titrator	10 - 2000 mg/l CaCO_3	1 pc.	56R010750
DIGI Hardness (Total/Calcium) RGT Pack	10 - 2000 mg/l CaCO_3	1 pc.	56R010550
Hardness (Total) Titrator Reagent Pack	10 - 2000 mg/l CaCO_3	1 pc.	56R010650
Nitrite Titrator Reagent Pack	20 - 20000 mg/l NaNO_2	1 pc.	56R010850
DIGI Peracetic Titrator Pack	20 - 800 mg/l PAA	1 pc.	56R010950
Phosphonate Titrator Reagent Pack	2 - 50 mg/l HEDP	1 pc.	56R011050
60 ml Acidity Titrator Pack	0.1 - 50	1 pc.	56R010050
Sulphite Titrator Reagent Pack	10 - 100 mg/l Na_2SO_3	1 pc.	56R011150
Zinc (Free Soluble) Titrator	0.1 - 10 mg/l Zn	1 pc.	56R011350
Zinc (Total Complexed) Titrator Pack	0.1 - 10 mg/l Zn	1 pc.	56R011450

Accessories:

Title	Part Number
Digi Titrator	56A006801
3 Way Valves for Digi Titrator	56A006972
Titration Dispensing Tube 2 mm	56A007072
Syringe, 20 ml, Plastic	56A006501
Stirring rod and spoon	56A006601
60 ml Plastic Titration Jar With Cap	56A006701
Tip/Syringe for DIGI Brand Titrator	56A007101

3. Drop Test Titration

Highlights:

- Accuracy to $\pm 10\%$
- Speed
- Simplicity
- Portability

Different ways:

- A

 - Acid Test Kit
 - Acidity

C

 - Carbon Dioxide Drop
 - Chloride
 - Chlorine

D

 - Drop Test Titration
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- H

 - Hardness
 - Hydrogen Peroxide

T

 - Total Chelant Test Kit

Z

 - Zinc