TECHNICAL DATA SHEET

ALab™ dTrite Electronic Burette

Electronic bottle-top burette · 0.01 to 99.99 mL · built-in magnetic stirrer · ISO 8655



ALab™ dTrite Electronic Burette

The ALab™ dTrite electronic burette; image shown for reference.

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SECTION I

Product Overview

The ALab™ dTrite is an electronic bottle-top burette with a built-in magnetic stirrer, for titration from 0.01 to 99.99 mL with a 10 mL piston lift and 10 µL resolution. The quality control standard is ISO 8655.

A motor and electronic, fatigue-free control replace manual piston work; speed is set in 16 levels, a remote control panel runs the titration, and a large LCD display is fitted.

SECTION II

Core Advantages

- **Resolution** — 10 µL
- **Control** — remote control panel
- **Display** — large LCD
- **Stirrer** — built in
- **Speed** — 16 levels
- **Standard** — ISO 8655

SECTION III

Specifications

Technical data — dTrite

Specifications	
Brand	ALab™ by ACS Material
Model	dTrite
ACS Cat. No.	ALDTRT00
Product type	Electronic bottle-top burette with built-in magnetic stirrer
Volume range	0.01 to 99.99 mL
Max. piston lift	10 mL
Resolution	10 µL
Speed	16 levels
Operating temperature range	15 to 40°C
Quality standard	ISO 8655
Control type	External control, including stirrer and burette program
Display	Large LCD
Remote control	Remote control panel

Accuracy and precision

Volume (mL)	Relative error R (%)	CV (%)
10	0.2	0.07
5	0.2	0.1
1	1	0.5

R = relative error; CV = coefficient of variation. Values apply at the measured volumes shown.

SECTION IV

Applications

Routine bottle-top titration in analytical chemistry, the food industry and water analysis.

Specifications are per the tables above.

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