Specialty Pipettes

Flexible, Lightweight Control
Fast and Accurate Repeat Dispensing

Simple, flexible, lightweight
AutoRep S makes light work out of often tedious repeat pipetting. Liquids are aspirated by a lever and the thumb controls dispensing and volume settings. An ergonomic grip with finger hook lets the lightweight AutoRep S rest comfortably in either hand. Designed for large sample sets with multiple repetitive steps.

Selection of disposable syringes
The AutoRep S is designed to work with the Encode™ family of disposable positive displacement syringes as well as syringes from other manufacturers. Collectively, Encode syringes provide the user with an exceptionally wide selection of different pipetting formats and dispense volumes. The syringes are available both sterile and non-sterile.

Volume setting
Volume tables provide a visual reference for selecting dispense volumes, syringe sizes and number of dispense steps. The two-sided card attaches to the back of the instrument.

Easy stroke setting
Easily set the stroke setting from the volume table with the control wheel conveniently positioned for easy one-hand operation. Now you're ready to go.

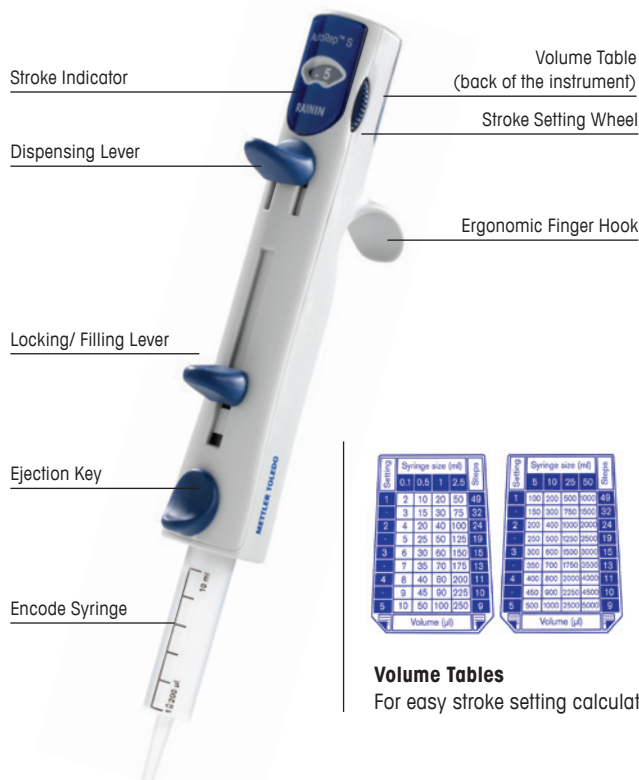## AutoRep™ S
Adjustable Repeat Dispenser

AutoRep S is a new manual adjustable repeat dispenser for quick and easy repetitive pipetting work. Dispense volumes are easily changed simply by rotating the stroke-setting wheel. This comfortable, lightweight instrument provides flexibility and ease of use when pipetting multiple aliquots in a variety of different applications. Accuracy and precision of dispensed liquids are assured through the use of disposable syringes and an adjustable, user-friendly stroke setting.

METTLER TOLEDO

AutoRep S
Manual Adjustable Repeat Dispenser

Standard Equipment

- Ideal for repeat dispensing applications of 2 µL – 5 mL
- Flexible, effortless dispense volume changes
- Ergonomic, lightweight instrument reduces fatigue
- Logical, easy-to-use design
- Wide selection of Encode disposable positive displacement syringes for all applications (sterile and non-sterile)
- Shelf mount, volume tables, tip samples, and manual provided

Stroke Indicator
Dispensing Lever
Locking/ Filling Lever
Ejection Key
Encode Syringe

Volume Table (back of the instrument)
Stroke Setting Wheel
Ergonomic Finger Hook

Volume Tables
For easy stroke setting calculation

Technical Data

Ordering Information

AutoRep S

MT-Order No.	Description	
17013008	AR-S	AutoRep S
Spare Parts (supplied with the unit)		
17013009	SM-ARS	Shelf Mount
17013010	VT-ARS	Volume Tables (front and back)

Encode Syringes

MT-Order No.	Description	Maximum Capacity	Qty/ Pkg	Type
17007399	ENC-100	0.1 mL	100	
17007400	ENC-100S	0.1 mL	100	Sterile
17001871	ENC-500	0.5 mL	100	
17001872	ENC-500S	0.5 mL	100	Sterile
17013004	ENC-1000	1 mL	100	
17013002	ENC-1000S	1 mL	100	Sterile
17001873	ENC-1250	1.25 mL	100	
17001874	ENC-1250S	1.25 mL	100	Sterile
17001877	ENC-2500	2.5 mL	100	
17001878	ENC-2500S	2.5 mL	100	Sterile
17001883	ENC-5ML	5 mL	100	
17001884	ENC-5MLS	5 mL	100	Sterile
17013005	ENC-10ML	10 mL	100	
17013003	ENC-10MLS	10 mL	100	Sterile
17001875	ENC-12ML	12.5 mL	100	
17001876	ENC-12MLS	12.5 mL	100	Sterile
17001879	ENC-25ML	25 mL*	50	
17001880	ENC-25MLS	25 mL*	25	Sterile
17001881	ENC-50ML	50 mL*	25	
17001882	ENC-50MLS	50 mL*	25	Sterile

Specifications

Nominal Volume Encode Syringe	Volume Range (µL)	Relative Accuracy A* ≤ ± % Stroke setting ≈% of nominal volume			Relative Precision CV* ≤ % Stroke setting ≈% of nominal volume		
		1 ≈ 2%	3 ≈ 6%	5 ≈ 10%	1 ≈ 2%	3 ≈ 6%	5 ≈ 10%
0.1 mL	2–10	4.0	2.4	1.6	6.0	3.0	2.0
0.5 mL	10–50	2.5	1.5	1.0	2.5	1.5	1.0
1.0 mL	20–100	2.5	1.5	1.0	2.0	1.2	0.8
1.25 mL	25–125	2.5	1.4	0.9	2.0	1.1	0.7
2.5 mL	50–250	1.8	1.1	0.7	1.5	0.9	0.6
5.0 mL	100–500	1.8	1.1	0.7	1.5	0.9	0.7
10.0 mL	200–1000	1.8	1.1	0.7	2.0	1.2	0.8
12.5 mL	250–1250	1.8	1.1	0.8	3.2	2.0	1.4
25.0 mL	500–2500	1.5	0.9	0.6	3.0	1.5	1.0
50.0 mL	1–5 mL	1.5	0.8	0.5	5.0	1.8	1.2

A* = Accuracy, CV* = Coefficient of variation. Error limits refer to the partial volume set relative to the Encode syringe, obtained when instrument, syringe and distilled water are equilibrated at ambient temperature and with smooth operation. The testing is according to DIN EN ISO 8655-5.

Accessories for Encode Syringes

MT-Order No.	Description	
17001885	ENC-SET	Encode Syringe Set, non-sterile, 20 each: 0.5, 1.0, 1.25, 2.5, 5.0, 10.0, 12.5 mL
17000546	ENC-10ADP	Adapter for 25 mL and 50 mL, non-sterile, 10/pkg
17000547	ENC-ADPS	Adapter for 25 mL and 50 mL, sterile, individually-wrapped, 5/pkg

* Includes one adapter. Sterile syringes are certified to be free of detectable DNA, RNase, Endotoxin and ATP. Product is sterilized with beta-radiation to obtain a SAL of 10^{-6}. individually wrapped.
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For more information