# Flexible, Lightweight Control

## Accurate and Fast 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.



## **AutoRep S**

## Manual Adjustable Repeat Dispenser

## **Standard Equipment**

- Ideal for repeat dispensing applications of 2  $\mu$ L 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
- Shelf mount, volume tables, tip samples, and manual provided

## Technical Data

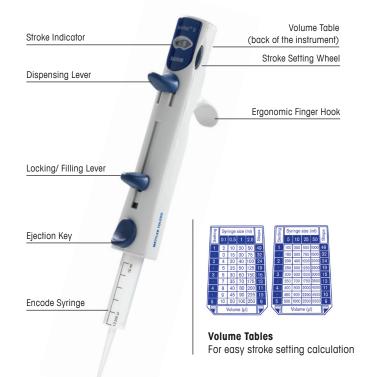
## **Ordering Information**

## AutoRep S

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

## **Encode Syringes**

Cat. No.	MT-Order No.	Maximum Capacity	Qty/ Pkg	Туре
ENC-100	17007399	0.1 mL	100	
ENC-100S	17007400	0.1 mL	100	Sterile
ENC-500	17001871	0.5 mL	100	
ENC-500S	17001872	0.5 mL	100	Sterile
ENC-1000	17013004	1 mL	100	
ENC-1000S	17013002	1 mL	100	Sterile
ENC-1250	17001873	1.25 mL	100	
ENC-1250S	17001874	1.25 mL	100	Sterile
ENC-2500	17001877	2.5 mL	100	
ENC-2500S	17001878	2.5 mL	100	Sterile
ENC-5ML	17001883	5 mL	100	
ENC-5MLS	17001884	5 mL	100	Sterile
ENC-10ML	17013005	10 mL	100	
ENC-10MLS	17013003	10 mL	100	Sterile
ENC-12ML	17001875	12.5 mL	100	
ENC-12MLS	17001876	12.5 mL	100	Sterile
ENC-25ML	17001879	25 mL <sup>*</sup>	50	
ENC-25MLS	17001880	25 mL <sup>*</sup>	25	Sterile
ENC-50ML	17001881	50 mL <sup>*</sup>	25	
ENC-50MLS	17001882	50 mL <sup>*</sup>	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	8.0	2.7	1.6	5.0	3.0	2.0
0.5 mL	10-50	4.0	1.33	0.8	1.4	0.73	0.6
1.0 mL	20-100	4.0	1.33	0.8	1.0	0.38	0.4
1.25 mL	25–125	4.0	1.33	0.8	0.8	0.38	0.3
2.5 mL	50-250	3.5	1.17	0.7	0.8	0.3	0.2
5.0 mL	100-500	2.5	0.83	0.5	0.6	0.27	0.2
10.0 mL	200-1000	1.5	0.5	0.4	0.5	0.23	0.2
12.5 mL	250-1250	1.5	0.5	0.3	0.3	0.23	0.2
25.0 mL	500-2500	1.5	0.5	0.3	0.4	0.23	0.2
50.0 mL	1–5 mL	1.5	0.5	0.3	0.4	0.23	0.15

 $A^* =$  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**

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

<sup>\*</sup> Includes one adapter. Sterile syringe tips are endotoxin-free, individually wrapped.

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