



ELECTRONIC TITRATION AND DISPENSING SYSTEMS

CODE MDG004, MDG005

DIGIPETTE TOUCHDROP AND DIGIPETTE SMARTFLOW

DIGIPETTE offers two electronic systems designed for the precise dosing of liquids in the laboratory: one focused exclusively on titration and the other combining burette and dispenser functions in a single unit. Unlike a dispenser, whose main function is the repetitive delivery of fixed volumes, the burette allows the progressive and controlled addition of the reagent, essential in titration processes where precision is required in each drop dispensed.

Electronic burette **DIGIPETTE TouchDrop** **MDG004**

Electronic burette designed for automatic titration with digital volume control. It incorporates advanced features such as method programming, data logging and flow control. Ergonomic design and touch interface ensure accuracy and ease of use.

- *For precise titrations with advanced analytical functionalities*

Combined electronic dispenser+burette system **DIGIPETTE SmartFlow** **MDG005**

System that combines electronic burette and dispenser in a single device. It offers several dispensing modes (automatic, serial and stepwise) and allows working with volumes from microlitres to millilitres. Ideal for applications requiring versatility, accuracy and efficiency.

- *Provides greater flexibility of use, suitable for routine controlled dosing and titration tasks*





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CHARACTERISTICS

- **Ergonomic design:** Unique design ensures comfortable and intuitive use, optimising ergonomics during operation.
- **Automatic rapid dispensing:** Allows automatic dispensing of the last stored volume, facilitating repeatability and work efficiency.
- **Smooth motor-driven operation:** The piston is controlled by a motor that ensures precise and uniform movements, improving the accuracy of titrations and eliminating errors resulting from manual operation.
- **Reagent recirculation mode:** During purging, the reagent is redirected to the original bottle, avoiding losses and ensuring bubble-free dispensing.
- **Adjustable dispensing nozzle:** Offers flexibility for simple, precise dispensing adapted to different types of liquids.
- **TFT touch screen:** Easy to use touch screen interface that displays results with resolution down to the second decimal place. Includes stylus for better handling.
- **Multifunctional control panel:** Allows key functions such as automatic filling without affecting the reading or tare, among other advanced options.
- **Computer connectivity:** Possibility of connection to a computer to store readings and manage data using specialised software.

Electronic burette
DIGIPETTE TouchDrop
MDG004

- **Three-speed recalibration:** possibility to recalibrate in fast, medium and drop-by-drop modes, ensuring accuracy adaptable to different analytical requirements.
- **Results storage:** capacity to store up to 20 results in the internal memory.



Electronic dispenser+burette
DIGIPETTE SmartFlow
MDG005

- **Dual functionality:** Electronic dispenser that also functions as an electronic burette, performing titrations with the same accuracy and reliability as traditional burettes, but with improved automated control.
- **Multiple dispensing modes:** includes automatic, serial and stepwise dispensing modes.
- **Four-speed recalibration:** possibility to recalibrate in fast, medium, slow and drop-by-drop modes, ensuring accuracy adaptable to different analytical requirements.
- **Results storage:** capacity to store 10 programmes for each dispensing mode.





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DIGIPETTE TOUCHDROP AND DIGIPETTE SMARTFLOW

TECHNICAL SPECIFICATIONS

Code	MDG004	MDG005
Model	DIGIPETTE TouchDrop	DIGIPETTE SmartFlow
Type	Electronic burette	Electronic dispenser+burette
Cylinder volume	50 mL	
Volume accuracy	A: 0.05%, CV: 0.05%	
Operating temperature	+10 °C to +40 °C (50 °F to 104 °F)	
Power supply	18 V, 3 A	
Battery	Lithium-ion battery 14.4V	
Screen	4" TFT screen	
PC interface	Mini USB cable	
Languages	English, Spanish, German	

Accessories included:

- Amber protection window, for the use of light sensitive reagents or substances
- Adapters compatible with most reagent bottles in the following diameters: 28, 30, 32, 38, 40, and 45 mm
- Adjustable telescopic tube
- Stylus for touch screen use