865/876 Dosimat plus



Easy liquid handling

Metrohm

865/876 Dosimat plus

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Metrohm Dosimats facilitate the routine tasks of liquid handling and dosing in laboratories all over the globe. The new Dosimats can be used as independent, manually controlled instruments or as automatic dosing devices for the Titrino/Titrino plus titrators.

Easy installation and operation

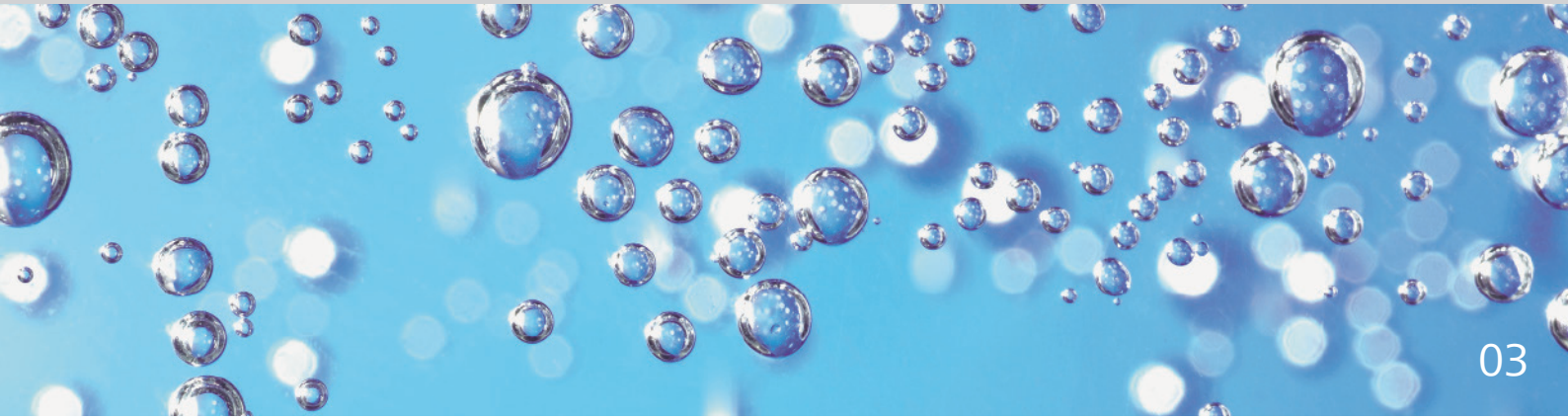
The installation of a Dosimat plus is very easy. So is connecting the Exchange Unit and the optional stirrer or an USB compact printer, which are recognized and configured automatically. Dosimats can be operated either by mouse click or keybord.

USB interface

A wide variety of instruments can be connected to the USB interface of the Dosimat plus, with a USB hub several of them simultaneously:

- Keyboard or mouse
- USB compact printer or commercially available USB DIN A4 printer
- USB stick for methods and data backup





With its four dosing modes the Dosimat plus is ideal for a wide range of routine applications.

DOS (Dosing)
Push-button dosing: particularly suitable for carrying out manual titrations with a color indicator. From the added volume the results can be calculated automatically and the report printed out. Different calculation parameters can be defined beforehand.

XDOS (Extended Dosing)
Adding a fixed volume: enter volume and dosing rate

Time-controlled dosing: enter volume and time

Constant dosing rate: enter dosing rate and time

If continuous dispensing without interruption is required then the 865 Dosimat plus and the 876 Dosimat plus can be operated in tandem mode together with an 805 Dosimat.

CNT D (Content Dosing)
This mode is used for the preparation of standards and other solutions. From the amount of the starting substance (solid or stock solution) and the desired target concentration, the 865 Dosimat plus automatically determines the volume to be added. After the dosing a report containing all the relevant information about the prepared solution can be printed out.

LQT (Liquid Transfer)
This mode is used for pipetting and diluting liquids.

Together with the two Dosimat plus instruments, Metrohm also introduces the 876 Manual Titrator plus.

	876 Dosimat plus	876 Manual Titrator plus	865 Dosimat plus
Dialogue languages: DE, EN, ES, FR	•	•	•
Increments per cylinder volume	10’000	10’000	10’000
Intelligent Exchange Unit	•	•	•
Stirrer connection	•	•	•
Printer connection (USB)	•	•	•
Remote interface	•	•	•
RS232 connection for balance (with 6.2148.030 RS232/USB-Box)	•	•	•
Remote control via RS232 (method load-up, start, stop) (with 6.2148.030 RS232/USB-Box)	•	•	•
Manual Dosing Controller	•	•	•
Pulse mode	•	•	•
Dispensing Modes			
Manual Dosing (DOS)	•	•	•
Manual titration	•	•	•
Extended Dosing (XDOS)	•	•	•
Content Dosing (CNT D)	–	–	•
Liquid Transfer (LQT)	–	–	•
Tandem dosing (with 805 Dosimat)	•	•	•



Ordering information

2.865.0010	2.865.0010 Dosimat plus with intelligent Exchange Unit (20 mL) and Manual Dosing Controller; Dosing Modes: DOS, XDOS, CNT D and LQT
2.876.0010	Dosimat plus with intelligent Exchange Unit (20 mL) and Manual Dosing Controller, Dosing Modes: DOS and XDOS
2.876.0110	Manual Titrator plus with intelligent Exchange Unit (20 mL), Manual Dosing Controller and 801 Magnetic Stirrer including stand

Optional accessories

2.801.0040	Magnetic Stirrer with stand
2.804.0040	Titration stand
2.802.0040	Rod stirrer for 2.804.0040
2.142.0100	Thermoprinter Custom Q3X
6.1562.060	Pipetting equipment for Manual Dosing Controller
6.1562.140	Spiral tube for pipetting, 10 mL for 6.1562.060

6.3026.110	Intelligent Exchange Unit, buret volume 1 mL
6.3026.150	Intelligent Exchange Unit, buret volume 5 mL
6.3026.210	Intelligent Exchange Unit, buret volume 10 mL
6.3026.220	Intelligent Exchange Unit, buret volume 20 mL
6.3026.250	Intelligent Exchange Unit, buret volume 50 mL

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Subject to change
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