

846 Dosing Interface – intelligent dosing



Modern liquid handling system

Amazing possibilities!

Pipetting – transferring – diluting – dosing – dispensing

The 846 Dosing Interface and the 800 Dosino turn the basic liquid handling operations into child's play. The 846 Dosing Interface is a control unit for up to four dosing elements. It can be used to expand existing Metrohm systems but also deals, as an independent system, with any liquid handling task occurring in the laboratory.

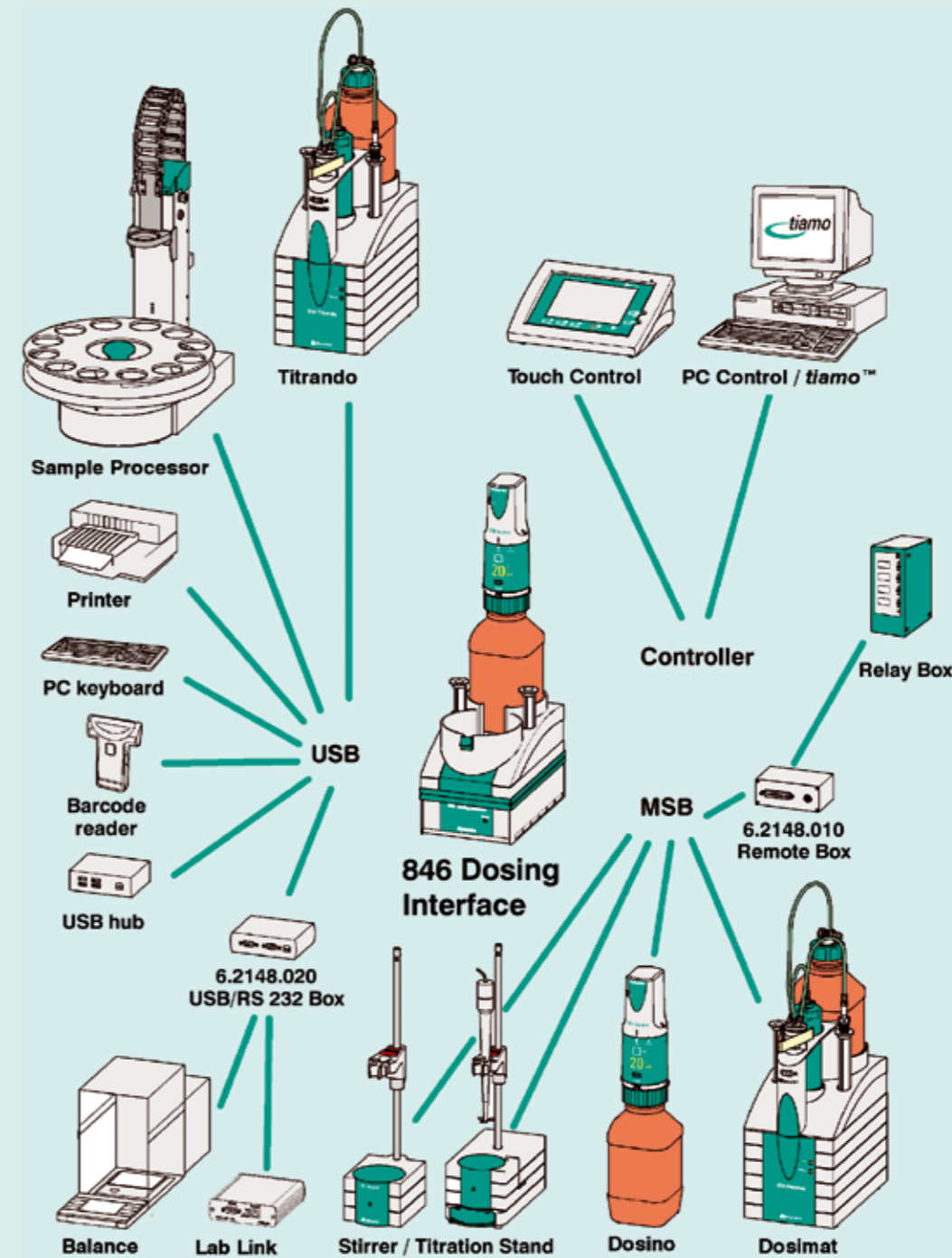
Thanks to the straightforward and unrestricted programming of the dosing elements even the most complex liquid handling tasks in the range 10 µL to 100 mL can be performed with high accuracy and precision.

Advantages of automatic versus manual liquid handling

- Sample preparation needs less time
- The results are independent of the operator
- Reagent consumption is lower, which means less waste and less waste removal costs
- Improved dosing accuracy and precision
- Fully automated dosing setups can be configured

The 846 Dosing Interface is USB-compatible and fits perfectly into existing Titrandos and automation systems, which can thus be equipped with additional dosing elements.

Easy documentation: A balance and a printer can be connected to the 846 Dosing Interface; documentation in accordance with GLP and GMP is therefore no problem.



The 846 Dosing Interface can be controlled with an 840 Touch Control, as an independent system, or via PC. Control by PC offers two possibilities, namely *tiamo*™ or the PC Control software. Whatever type of control you choose, all of them are compatible with the FDA Regulation 21 CFR Part 11.

The 846 Dosing Interface is equipped with four MSB ports allowing to connect 800 Dosinos, 805 Dosimats, stirrers, etc., in the same way as this can be done with a Titrandos or Sample Processor.

Thanks to the USB connections, up to three 846 Dosing Interfaces can be linked in a daisy chain configuration, i.e. one Touch Control can manage 12 Dosinos.

The *tiamo*™ software allows to control 127 Dosing Interfaces, which translates into 508 dosing elements operated in parallel. This means that setups ranging from a single workstation or a pump to a fully automated dosing system can be configured without any restrictions.

Let the Dosino work for you!

Ordering information

2.846.0010	846 Dosing Interface
2.800.0010	800 Dosino
6.3032.250	Dosing Unit 50 mL
6.3032.220	Dosing Unit 20 mL
6.3032.210	Dosing Unit 10 mL
6.3032.150	Dosing Unit 5 mL
6.3032.120	Dosing Unit 2 mL
2.840.0100	840 Touch Control
6.6050.300	PC Control 4.0
6.6056.112	tiamo ™ 1.1 full version



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Ion analysis

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