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SWOP Box

Universal reagent exchange module

Product description

The SWOP BOX makes it easy to change reagents in titration cells easily and conveniently. The module can be used e.g. on any Karl Fischer titrator of any design, if the titration cell has at least one free connection.
The two bottles for the reagent supply and for the used solution have each a capacity of 500 mL or 1000 mL.
The reagent exchange module is battery operated. The internal Li-ion batteries can be easily recharged.

Applications

The system can be used for all types of liquid samples, including aggressive media and solvents, but not for highly viscous substances.

View of the back

Simple reagent exchange

The emptying and filling of the measuring cell is controlled by the rotary knob, which activates the pump. The maximum flow rate is 150 mL/min.
This means that changing 130 mL of reagent takes less than a minute. There is no need for cumbersome disassembly of the measuring cell.

Features

- Quick reagent change without dismantling of the titration cell
- Can be connected to all Karl Fischer titrators, no matter from which manufacturer
- Chemically resistant pump (150 mL/min)
- Independent of power supply due to integrated rechargeable battery
- Carrying handle for easy transport

Device variants

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SWOP Box

Variant:	SWOP Box
Operation:	Manual
Mains:	7.4 V DC or battery
Bottle volume for reagent:	500 or 1000 mL
Bottle volume for waste:	500 or 1000 mL
Protection class:	IP 20

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SWOP Box PRO

Variant:	SWOP Box PRO
Operation:	Automatic
Mains:	12 V DC
Bottle volume for reagent:	500 or 1000 mL
Bottle volume for waste:	500 or 1000 mL
Protection class:	IP 20

Technical specifications

Capacity:	2 bottles with 500 or 1000 mL each (Ø max. 85 mm)	
Pump:	150 mL/min, chemical resistant	
Power supply:	External charger	
	LiMH battery 7 V (2600 mA/h), charge level indicator	
Dimensions:	Carrying handle set up:	180 x 225 x 260 mm (W x D x H)
	Carrying handle folded down:	180 x 225 x 180 mm (W x D x H)
Weight:	Approx. 2.1 kg	

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