

MINISPENSOR

The economical and ecological alternative to microliter pipettes

The **MINISPENSOR** is ideal for long pipetting series where you need a fixed micro-volume. In contrast to fixed volume microliter pipettes, there are no pipette tips required. There are four color-coded models available, with two definite volumes in a range of 50 μ l to 2 000 μ l. You can simply change the dispensing volume to 50% by turning the push button.

Volume setting



Every **MINISPENSOR** is able to dispense two definite volumes. They are easy to set: Just push and turn the button at 180°.

Dispensing system



The direct displacement system of the **MINISPENSOR** is for universal use and ideal for crystalline solutions.

One handed dispensing



The **MINISPENSOR** can easily be used with just one hand.

Bottle-Top Dispenser

Your advantages at a glance:

- high quality precision instrument, made in Germany
- alternative to microliter pipettes - no tips required!
- suitable for most liquids, ideal for crystalline solutions
- highest accuracy and precision, our error ranges are better than the DIN EN ISO 8655 requirements
- direct displacement piston system
- comfortable handling for larger pipetting series
- four color-coded models available
- easy volume setting, two definite volumes each dispenser
- 100% drip-free by turning the discharge tube by 180°
- easy to clean, autoclavable at 121°C
- suitable for safe storage in a fridge
- automatic refilling, one handed operation
- individual certificate and serial number
- DE-M marked according to the German calibration law, valid from January 2015

MINISPENSOR

Volume	Accuracy	Coefficient of variation	Color	Order number
μl	$\pm \mu\text{l}$	$\leq \mu\text{l}$		
50 + 100	1.5	0.3	yellow	5 371 101
250 + 500	5	1	red	5 371 525
500 + 1000	6	2	blue	5 371 950
1000 + 2000	12	4	green	5 371 990

Scope of supply

Minispensor, 100ml bottle, instruction manual, individual certificate, serial number, thread adapter (GL28/GL32)

Parts in contact with reagent:

The components having direct contact with the reagent are made of chemical resistant materials:
ceramic valve balls, PTFE piston, borosilicate glass 3.3 cylinder

