

# Prospenser & Prospenser Plus

## Bottle-top Dispensers

### Product Information

Prospenser and Prospenser Plus are high quality bottle-top dispensers with excellent chemical resistance. They are safe, convenient, and customizable, making them perfect for a wide range of dispensing needs.



### Description

Prospenser and Prospenser Plus are premium bottle-top dispensers available in volume range from 0,2 to 60 ml.

### Prospenser and Prospenser Plus Features

- Extremely high chemical and thermal resistance due to ceramic piston, glass cylinder, and highly resistant fluoroplastic parts
- The incremental volume setting ensures accurate and repeatable results
- Smooth and light to operate
- Easy to attach aspiration tube with a secure threaded connection
- User-replaceable valves
- Wide range of accessories
- Fully autoclavable

### Prospenser Plus Features

- Media recirculation system that allows unused media to be recovered from the device and returned to the bottle
- 360° rotating dispensing head
- Universal connector at the back of the unit for drying tubes and filters

### Intended Use

Manual dispensing of liquids.

## Technical Data

Technical Specifications		Limitations	
Weight	200 g (5 ml, Prospenser) 388 g (5 ml, Prospenser Plus)	The accuracy and precision values are valid under the controlled conditions described in ISO 8655. Test temperature: +15°C to +30°C +/-0,5°C Relative humidity: >50%	
Length	143 mm (5 ml, Prospenser) 175 mm (5 ml, Prospenser Plus)		
Autoclavability	Fully autoclavable (121°C, 20 min, 1 bar/100 kPa)	Transportation conditions	Temperature: 0°C to +40°C
Threaded bottle fitting	Prospenser: A32 Prospenser Plus: A45	Long-term storage conditions	Temperature: 0°C to +40°C
Bottle adapters included	Prospenser: A28, S40, A45 Prospenser Plus: A32, A38, S40	Chemical resistance	Information available on request
		Materials	Piston: Highly pure Al <sub>2</sub> O <sub>3</sub> -ceramic (99,7%) Cylinder: Borosilicate glass 3.3 Valve block: Halar (ECTFE) Valve ball: Borosilicate glass 3.3 Valve seat: Borosilicate glass 3.3 Valve spring: Hastelloy (99,7%)
		Warranty	2 years

## Ordering Information

Order Code		Volume Range [ml]	Increment [ml]	Test Volume [ml]	Systematic Error* [%]	Systematic Error* [ml]	Random Error* [%]	Random Error* [ml]
Prospenser	Prospenser Plus							
LH-723060	LH-723070	0,2-1	0,05	1	0,6	0,006	0,2	0,002
LH-723061	LH-723071	0,4-2	0,05	2	0,6	0,012	0,2	0,004
LH-723062	LH-723072	1-5	0,10	5	0,6	0,03	0,2	0,01
LH-723063	LH-723073	2-10	0,25	10	0,6	0,06	0,2	0,02
LH-723064	LH-723074	5-30	0,50	30	0,6	0,18	0,2	0,06
LH-723065	LH-723075	10-60	1,00	60	0,6	0,36	0,2	0,02

\* The listed systematic and random error values can be achieved under strictly controlled conditions during type tests as per ISO 8655. Due to our continuous product development, the systematic and random error values may change without prior notice.

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