

# Varispenser®/ Varispenser® plus

## Technical Information Varispenser / Varispenser plus

Volume range	Volume	Dispensing step	Rel. systematic error <sup>1)</sup>	Abs. systematic error <sup>1)</sup>
<b>Varispenser®</b>				
0.5 – 2.5 mL	0.25 mL	0.05 mL	±6 %	±0.015 mL
	1.25 mL		±1.2 %	±0.015 mL
	2.5 mL		±0.6 %	±0.015 mL
1 – 5 mL	1 mL	0.1 mL	±2.5 %	±0.025 mL
	2.5 mL		±1 %	±0.025 mL
	5 mL		±0.5 %	±0.025 mL
2 – 10 mL	2 mL	0.2 mL	±2.5 %	±0.05 mL
	5 mL		±1 %	±0.05 mL
	10 mL		±0.5 %	±0.05 mL
5 – 25 mL	5 mL	0.5 mL	±2.5 %	±0.125 mL
	12.5 mL		±1 %	±0.125 mL
	25 mL		±0.5 %	±0.125 mL
10 – 50 mL	10 mL	1.0 mL	±2.5 %	±0.25 mL
	25 mL		±1 %	±0.25 mL
	50 mL		±0.5 %	±0.25 mL
20 – 100 mL	20 mL	2.0 mL	±2.5 %	±0.5 mL
	50 mL		±1 %	±0.5 mL
	100 mL		±0.5 %	±0.5 mL
<b>Varispenser® plus</b>				
0.5 – 2.5 mL	0.25 mL	0.05 mL	±6 %	±0.015 mL
	1.25 mL		±1.2 %	±0.015 mL
	2.5 mL		±0.6 %	±0.015 mL
1 – 5 mL	1 mL	0.1 mL	±2.5 %	±0.025 mL
	2.5 mL		±1 %	±0.025 mL
	5 mL		±0.5 %	±0.025 mL
2 – 10 mL	2 mL	0.2 mL	±2.5 %	±0.05 mL
	5 mL		±1 %	±0.05 mL
	10 mL		±0.5 %	±0.05 mL
5 – 25 mL	5 mL	0.5 mL	±2.5 %	±0.125 mL
	12.5 mL		±1 %	±0.125 mL
	25 mL		±0.5 %	±0.125 mL
10 – 50 mL	10 mL	1.0 mL	±2.5 %	±0.25 mL
	25 mL		±1 %	±0.25 mL
	50 mL		±0.5 %	±0.25 mL
20 – 100 mL	20 mL	2.0 mL	±2.5 %	±0.5 mL
	50 mL		±1 %	±0.5 mL
	100 mL		±0.5 %	±0.5 mL

<sup>1)</sup> The data for systematic error and random error are given according to EN ISO 8655. Technical specifications are subject to change. Errors and omissions excepted. The Varispenser (plus) is not a substitution for a bottle closure. Volatile liquids can disappear. <sup>2)</sup> buttress thread

Rel. random error <sup>1)</sup>	Abs. random error <sup>1)</sup>	Thread	Bottle thread adapter incl.	Order no.
±1 %	±0.0025 mL	GL 32	GL 28, 45, S <sup>2)</sup> 40	4960 000.019
±0.2 %	±0.0025 mL			
±0.1 %	±0.0025 mL			
±0.5 %	±0.005 mL	GL 32	GL 28, 45, S <sup>2)</sup> 40	4960 000.027
±0.2 %	±0.005 mL			
±0.1 %	±0.005 mL			
±0.5 %	±0.01 mL	GL 32	GL 28, 45, S <sup>2)</sup> 40	4960 000.035
±0.2 %	±0.01 mL			
±0.1 %	±0.01 mL			
±0.5 %	±0.025 mL	GL 45	GL 32, 38, S <sup>2)</sup> 40	4960 000.043
±0.2 %	±0.025 mL			
±0.1 %	±0.025 mL			
±0.5 %	±0.05 mL	GL 45	GL 32, 38, S <sup>2)</sup> 40	4960 000.051
±0.2 %	±0.05 mL			
±0.1 %	±0.05 mL			
±0.5 %	±0.1 mL	GL 45	GL 32, 38, S <sup>2)</sup> 40	4960 000.060
±0.2 %	±0.1 mL			
±0.1 %	±0.1 mL			
±1 %	±0.0025 mL	GL 32	GL 28, 45, S <sup>2)</sup> 40	4961 000.012
±0.2 %	±0.0025 mL			
±0.1 %	±0.0025 mL			
±0.5 %	±0.005 mL	GL 32	GL 28, 45, S <sup>2)</sup> 40	4961 000.020
±0.2 %	±0.005 mL			
±0.1 %	±0.005 mL			
±0.5 %	±0.01 mL	GL 32	GL 28, 45, S <sup>2)</sup> 40	4961 000.039
±0.2 %	±0.01 mL			
±0.1 %	±0.01 mL			
±0.5 %	±0.025 mL	GL 45	GL 32, 38, S <sup>2)</sup> 40	4961 000.047
±0.2 %	±0.025 mL			
±0.1 %	±0.025 mL			
±0.5 %	±0.05 mL	GL 45	GL 32, 38, S <sup>2)</sup> 40	4961 000.055
±0.2 %	±0.05 mL			
±0.1 %	±0.05 mL			
±0.5 %	±0.1 mL	GL 45	GL 32, 38, S <sup>2)</sup> 40	4961 000.063
±0.2 %	±0.1 mL			
±0.1 %	±0.1 mL			