

# VITLAB® Volumetric Flasks and Cylinders –

THE BREAK RESISTANT ALTERNATIVE TO GLASS – CLASS A COMPLIANT



- Class A
- Break resistant
- Made in Germany

**VITLAB**   
Competence in Labware

# Measurement accuracy at the highest level

Volumetric instruments are standard equipment in each analytical laboratory. VITLAB has decades of experience and resulting know-how in the development and production of laboratory products which are used to

measure volumes. We offer you volumetric flasks and cylinders with volume tolerances within by DIN and ISO defined class A limits.

Volumetric devices made of plastic offer many advantages. The

high break resistance significantly reduces the risk of injury (no sharp edges as when glass breaks) and ensures a long service life. In addition VITLAB only uses pure plastics with outstanding chemical resistance.

## Graduated cylinders

Tall shape. Highly transparent. Tolerances of Class A according to DIN 12681 and ISO 6706. Calibrated 'In'. With ring mark at the primary scale points. Hexagonal base with bottom studs provides high stability. DE-M marked. With lot certificate, laser engraved batch number and year of manufacture. Thermal stress up to 121 °C (autoclaving) does not cause tolerance limits to be permanently exceeded. Also available with DAkkS calibration certificate or individual quality certificate.



### Graduated cylinders with raised scale, PMP

Autoclavable at 121 °C (2 bar) according to DIN EN 285.

Volume ml	Tolerance ± ml	Graduation ml	Ø mm	Height mm	PU	Cat. No.
10	0.10	0.20	15	145	2	64604
25	0.25	0.50	22	170	2	64704
50	0.50	1.00	27	200	2	64804
100	0.50	1.00	33	250	2	64904
250	1.00	2.00	44	315	2	65004
500	2.50	5.00	58	360	1	65104
1000	5.00	10.00	69	440	1	65204
2000	10.00	20.00	97	482	1	65304



### Graduated cylinders with printed red scale, PMP

To preserve markings, do not clean at temperatures exceeding 60 °C. Thus, conditionally autoclavable at 121 °C (2 bar) according to DIN EN 285.

Volume ml	Tolerance ± ml	Graduation ml	Ø mm	Height mm	PU	Cat. No.
10	0.10	0.20	15	145	2	64614
25	0.25	0.50	22	170	2	64714
50	0.50	1.00	27	200	2	64814
100	0.50	1.00	33	250	2	64914
250	1.00	2.00	44	315	2	65014
500	2.50	5.00	58	360	1	65114
1000	5.00	10.00	69	440	1	65214
2000	10.00	20.00	97	535	1	65414

## Volumetric flasks

Transparent. Class A tolerances according to DIN EN ISO 1042. With ring mark individually calibrated to 'In'. Thermal stress up to 121 °C (autoclaving) does not permanently exceed the tolerance limit. To preserve markings, cleaning at no higher than 60 °C is recommended. Also available with DAKKS calibration certificate or individual quality certificate.

### Volumetric flasks, PMP

With NS stoppers made of PP. With printed lot number and batch certificate.

Volume ml	Tolerance ± ml	Stopper Standard ground joint (NS)	Height* mm	PU	Cat. No.
10	0.04	10/19	90	6	67704
25	0.04	10/19	115	6	67104
50	0.06	12/21	150	6	67204
100	0.10	14/23	180	6	67304
250	0.15	19/26	235	5	67404
500	0.25	19/26	270	4	67504
1000	0.40	24/29	310	3	67604



### Volumetric flasks UV-protect, PMP

With NS stopper made of PP. UV-absorbing. Manufactured from special pigmented plastic, to protect light-sensitive substances (i. e. silver salts or iodine solutions) against light and UV radiation. With printed lot number and batch certificate.

Volume ml	Tolerance ± ml	Stopper Standard ground joint (NS)	Height* mm	PU	Cat. No.
10	0.04	10/19	90	2	670950
25	0.04	10/19	115	2	671950
50	0.06	12/21	150	2	672950
100	0.10	14/23	180	2	673950
250	0.15	19/26	235	2	674950
500	0.25	19/26	270	2	675950
1000	0.40	24/29	310	1	676950



### Volumetric flasks, PFA

With screw cap made of PFA. Outstanding chemical resistance. The extremely smooth, liquid-repellent surface and the fact that PFA has nearly no memory effects ensure the reliability of trace analytical results.

Volume ml	Tolerance ± ml	Screw cap Thread GL	Height* mm	PU	Cat. No.
10	0.04	18	90	1	107097
25	0.04	18	115	1	107197
50	0.06	18	150	1	107297
100	0.10	18	180	1	107397
250	0.15	25	235	1	107497
500	0.25	25	270	1	107597

\* Height without stopper or screw cap



# More information about VITLAB®?

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[www.vitlab.com](http://www.vitlab.com) and learn  
more about our product range:

- general lab equipment
- liquid handling devices
- options for customized imprints on  
VITLAB® products

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