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Getränkeherstellung

**SCHLISSMANN
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Getränkeanalytik

Spindle cylinder, measuring cylinder

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Technical information and instructions for use

General information:

- Spindle cylinders must be kept clean and fat free. Rinse after use immediately with plenty of water. Clean them occasionally by means of a brush and detergent. Make sure before filling that the cylinder is dry and/or has been sufficiently pre-rinsed with sample liquid.
- The diameter of the spindle cylinder should be substantially larger than the diameter of the areometer floating body so that the instrument has sufficiently play into all directions und adhesion forces are avoided.

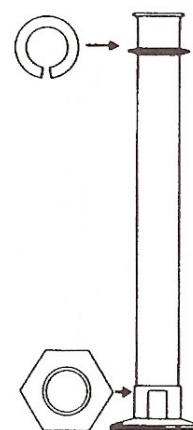
We recommend the following spindle cylinder diameters:

For EU-Alkoholometer Class II \varnothing 46 mm

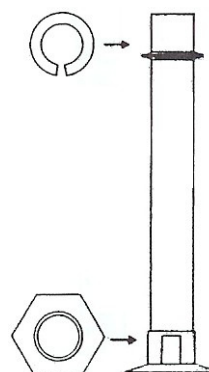
For EU-Alkoholometer Class III \varnothing 36 mm

The following volume data of the spindle cylinders refer to the filling up to the rim. The dimensions always represent cylinder height x diameter in mm. For the measuring cylinders, the indicated volume represents the available measuring range.

Glass spindle cylinder:

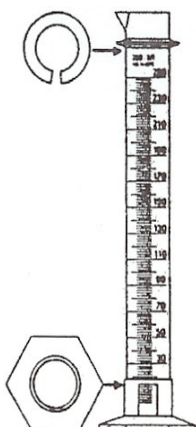


Arch-shaped, bent rim, poly base, protection ring
360 x 36 mm (approx. 300 ml)
360 x 46 mm (approx. 500 ml)



Flat bottom, straight rim, poly base, protection ring
320 x 40 mm (approx. 340 ml)
400 x 40 mm (approx. 400 ml)
450 x 40 mm (approx. 440 ml)
Flat bottom, straight rim, glass base
500 x 50 mm (approx. 900 ml)

Measuring cylinder, high shape:



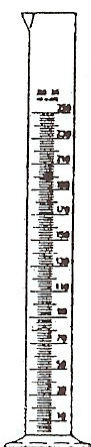
Glass, poly base, protection ring

- 250 x 30 mm (100 ml)
- 320 x 40 mm (250 ml)
- 360 x 54 mm (500 ml)
- 440 x 65 mm (1000 ml)



Glass, glass base

- | | | | |
|--------|--------|---------|---------|
| 10 ml | 25 ml | 50 ml | 100 ml |
| 250 ml | 500 ml | 1000 ml | 2000 ml |



Plexiglas

- | | | | |
|--------|--------|---------|---------|
| 10 ml | 25 ml | 50 ml | 100 ml |
| 250 ml | 500 ml | 1000 ml | 2000 ml |

Spindle cylinder with gimbal stand and clamp holder:

On uneven surfaces, the areometric method causes difficulties when using simple spindle or measuring cylinders. The areometers touch the inclined inner container surface, leading to wrong measuring results. To be on the safe side, it is recommended to use spindle cylinders with gimbal suspension. Thanks to the gimbal joint, the spindle cylinder and the areometer are always perpendicular, independent from the surface they stand on. It is thus ensured that exact values can be read.

For the gimbal suspension, the spindle cylinder with arch-shaped, bent rim is used. The support at the joint is made either directly at the bent rim or at the rubber ring contained in the extent of supply (ring NW 32 for cylinder with Ø 36 mm, ring NW 40 for cylinders with Ø 46 mm).

