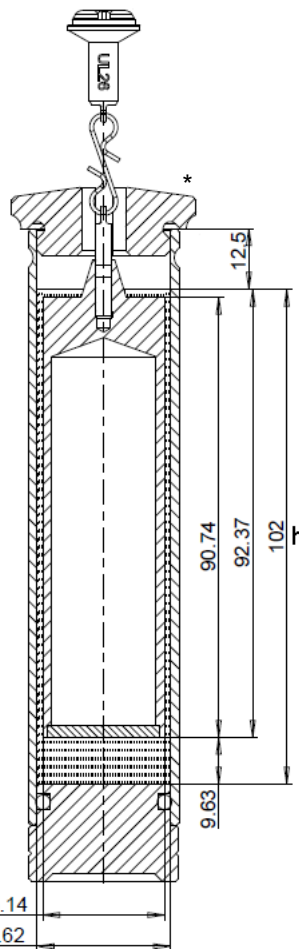


**Measuring System UL26**

 Dimensions in mm  
 h = filling height

 $\varnothing 25.14$   
 $\varnothing 27.62$ 

Measuring system consisting of

- 1 bob B-UL26 and
- 1 cup C-UL26.

System with defined gap for measuring very low viscosities.

The bob is made of stainless steel AISI 316L (1.4404 / 1.4545). Equipped with Toolmaster™ and magnetic coupling. A hook made of stainless steel AISI 301 (1.4310) connects the body of the bob to the magnetic coupling.

The bob is intended for use with Measuring Cup C-UL26. The cup consists of 3 parts:

- 1 wall made of stainless steel AISI 316 L (1.4404)
- 1 bottom plug made of PEEK (black)
- 1 O-ring made of EPDM, seals the gap between wall and bottom.

Use the system with PTD 175 or with the DIN adapter.

\* The cover for DIN spindles visible in the dimensions drawing is not part of the measuring system.

- Option: Cover DIN Spindles – included in standard supply of PTD 175

ViscoQC Model	Sample volume mL	SMC <sup>a</sup>	SRC <sup>b</sup>	YMC <sup>c</sup>	Minimum viscosity <sup>d</sup> Pa·s	Maximum viscosity Pa·s
L	16	0.64	1.223	---	0.001	2
R	16	0.64	1.223	---	ViscoQC 100: 0.0064 ViscoQC 300: 0.003	2
H	16	0.64	1.223	---	ViscoQC 100: 0.0512 ViscoQC 300: 0.024	2

a. Spindle Multiplier Constant

b. Shear Rate Constant

c. Yield Multiplier Constant – for yield stress determination with vane spindles and V-Curve

d. Specified speed is the maximum standard speed of the specific ViscoQC model.

- The default SCF (Spindle Correction Factor) is 1.
- Calculation of shear rate: Shear rate [1/s] = SRC · Speed [rpm]
- Viscosity limits calculated for a torque range of 10 % to 100 % unless overruled by other limitations.
- Maximum size of particles in sample: 1/10 of the gap size

**TIP:** Sample handling of high-viscosity liquids requires special precautions to avoid trapped bubbles. You may have to prewarm the sample for filling. This low-viscosity system is limited to a maximum measuring viscosity of 2000 mPa·s.