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## ViscoQC with PTD 100 Cone-Plate

Expand the testing capabilities of your ViscoQC rotational viscometer with minimal investment. Prevent costly user errors with automatic gap-adjustment monitoring. Save time with built-in Peltier temperature control.

## Did You Know?

Cone-plate measurements require a gap adjustment each time the measuring temperature or cone is changed to ensure valid measurements. The PTD 100 Cone-Plate monitors the correct set gap, and with just a push of a button, the gap can be adjusted.



## Highlights

- Rapid temperature control from 0 °C to 100 °C thanks to integrated Peltier technology
- One viscometer, multiple test capabilities – PTD 100 Cone-Plate is installable or removable from ViscoQC in less than one minute; no extra viscometer required
- 100 % control of measurement and temperature via the ViscoQC display
- Sensor-driven signal when sample has reached set temperature
- Automatic digital monitoring of alignment status via ViscoQC
- Cone spindles with magnetic coupling and automatic spindle recognition (Toolmaster™) and sample cup with temperature probe as standard

## Why is the PTD 100 Cone-Plate with ViscoQC better than standard cone-plate viscometers with recirculatory thermostats?

- **Save at least five minutes** on each mistake prevented due to automatic gap adjustment monitoring, automatic leveling monitoring, and automatic spindle recognition (Toolmaster™)
- Up to **50 % faster** temperature adjustment
- **Save 0.4 m<sup>2</sup>** of laboratory space due to the small footprint of the instrument's setup
- **No maintenance costs** for thermostat liquid, hoses, various water-bath parts

	ViscoQC 100			ViscoQC 300		
	L	R	H	L	R	H
<b>Viscosity test type</b>	Single-point			Multi-point		
<b>Speed [rpm]</b>	0.1 to 200			0.01 to 250		
<b>Temperature range [°C]</b>	0 °C to 100 °C					
<b>Max. viscosity range in combination with instrument model and spindle type [mPa.s or cP]</b>	0.2 to 92.8 K	1.6 to 991.1 K	13.2 to 7.9 M	0.1 to 928.9 K	1.3 to 9.9 M	10.6 to 79.2 M
<b>Accuracy</b>	±1.0 % full scale range					
<b>Repeatability</b>	±0.2 %					
<b>Measuring systems</b>	Cone-Plate: CP40, CP41, CP42, CP51, CP52					
<b>Sample volume</b>	0.5 mL to 2 mL depending on measuring system					
<b>ViscoQC trademarks</b>	Toolmaster, TruGuard, TruMode, T-Ready, TruSine					

M = million  
K = thousand

Your distributor: