

High-Temperature Viscometer

ViscoQC with ETD 300



Quality control of asphalts, bitumen, hot melts, waxes, and polymers up to 300 °C. Save time with preset fully automated ASTM D4402 test method.

FIND OUT MORE



[www.anton-paar.com/
apd-etd-300](http://www.anton-paar.com/apd-etd-300)



Highlights

- Spindles with magnetic coupling, for swift and effortless attachment and removal
- Toolmaster™: automatic recognition of spindle types, eliminates user errors
- 100 % control through ViscoQC display: create fully automated measurement methods (e.g., temperature scans, step tests)
- TruMode™: achieve maximum measurement accuracy with automated speed determination for optimum torque
- Measuring systems always correctly centered thanks to integrated digital levelling and centering adapter

What are the benefits when using the ETD 300 with ViscoQC?

- **Save at least 30 minutes** on each mistake prevented due to automatic spindle recognition and automatic leveling monitoring
- **Free up operator time** with fully automated ASTM D4402 test method
- **Save 0.3 m²** of laboratory space by eliminating the need for an additional controller or PC

Did you know?

Temperature deviations as small as 1 °C can lead to significant variations of up to 10 % in viscosity results. The innovative T-Ready™ feature of ViscoQC accurately identifies the moment the sample reaches the preset temperature, preventing erroneous measurements and eliminating the need for unnecessary temperature equilibrations, ultimately saving valuable time.

	ViscoQC 100			ViscoQC 300		
	L	R	H	L	R	H
Viscosity measurement	Single-point			Multi-point		
Speed	0.1 rpm to 200 rpm			0.01 rpm to 250 rpm		
Temperature range	25 °C to 300 °C					
Max. viscosity range in combination with instrument model and spindle type [mPa.s or cP]	1.5 to 600 K	25 to 10 M	200 to 80 M	1.2 to 600 K	20 to 10 M	160 to 80 M
Accuracy	±1.0 % of full-scale range					
Repeatability	±0.2 % of full scale range					
Measuring systems	SC4-18, -21*, -27*, -28*, -29*, -31*, -34* *optionally available as solid shaft					
Sample volume	7 mL to 13.5 mL depending on measuring system					
Standard compliance (with ETD 300)	ASTM D1986, D2493, D3236, D3791, D4402, D5018, D6114, D6267; D8162 AASHTO T316, T366; DIN EN 13302					

Trademarks

Toolmaster, TruGuard, Trumode, T-Ready, TruSine

M = million
K = thousand