

Product:

HAAKE Series 1

Manufactured By:

Thermo Fisher Scientific

HAAKE RotoVisco 1
HAAKE RheoStress 1

Angular resolutions (μ rad)	5	0.3
Rotational speed CR-mode (min^{-1})	0.0125 - 1000	0.025 - 1200
Rotational speed CR-mode (min^{-1})	-	0.001 - 1200
Torque (nNm)	0.1 - 50 *	0.0005 - 100
Oscillation frequency (Hz)	-	0.00001 - 100 **
Multiwave (Hz)	-	0.01 - 10
Angular positioning ($^{\circ}$)	360	360
Lager Type	mechanical bearing	air bearing
Motor Type	micro stepper motor	drag cup motor
Optional high shear	-	0.025 - 3200 rpm

Temperature control Options

Thermo fluid cylinder system TCL/Z	-20°C - +200°C
Thermo fluid cone & plate system TCL/P	-20°C - +300°C
Electrically heated cone & plate system TCE/P	-20°C - +250°C, 350°C ***
Peltier controlled cone & plate system TCP/P	-40°C - +180°C

* The higher torque is not reached at the highest rotational speed

** The highest torque is not reached at the highest oscillation frequency

*** with upper electrical heating system

Rheology Solutions is the sole Australian Distributor of this product. Full product information is available to download from www.rheologysolutions.com. If you have any questions or require further information please contact us. We look forward to being of further service.

Regards from the Team at Rheology Solutions.