

## Technical Data - DSR 502

Technical Specifications		
	Unit	Rheometer Head (DSR)
Bearing	-	Air
EC motor	-	Yes
Maximum Torque	mNm	230
Min. torque rotation	nNm	10
Min. Torque oscillation	nNm	2
Torque resolution	nNm	0.1
Angular deflection(set value)	μrad	0.1 to ∞
Angular resolution	nrad	10
Min. angular velocity	rad/s	10 <sup>-9</sup>
Max. angular velocity	rad/s	314
Max. speed	1/min	3000
Min. angular frequency	rad/s	10 <sup>-7</sup>
Max. angular frequency	rad/s	628
Toolmaster™	-	Yes
QuickConnect	-	Yes
Direct strain controller	-	Yes
Direct stress controller	-	Yes
TruRate™	-	Yes
TruStrain™	-	Yes