

Technical Data - MCR 702 MultiDrive

Technical Specifications		
Linear drive for DMA in tension, bending and compression		
Maximum force	N	40
Minimum force	N	0.0005
Maximum displacement	μm	9400
Minimum displacement	μm	0.01
Maximum frequency	Hz	100
Minimum frequency	Hz	0.001
Maximum temperature	°C	600
Minimum temperature	°C	- 160
Maximum heating rate	K/min	35
Maximum cooling rate	K/min	30
Rotational drive for DMA in torsion and rheology		
Maximum torque	mNm	230
Minimum torque, rotation	nNm	1
Minimum torque, oscillation	nNm	0.5
Angular deflection, set value	μrad	0.05 to ∞
Minimum angular velocity	rad/s	10 ⁻⁹
Maximum angular velocity	rad/s	314
Minimum angular frequency	rad/s	10 ⁻⁷
Maximum angular frequency	rad/s	628
Normal force range	N	0.005 to 50
Maximum temperature range	°C	-160 to +1000