

SD4000 Split Disk Tester Specifications		
Load Frame		
Maximum Nominal Pipe Diameter	mm	4,000
Minimum Nominal Pipe Diameter	mm	250
Groove Depth ¹	mm	25
Disk Travel	mm	200
Machine Capacity	kN	500
Machine Capacity	tons	50
Maximum Testing Speed	mm/min	60
Minimum Testing Speed	mm/min	8
Jog Speed	mm/min	70
Speed Accuracy	% of F.S.	1
Load Module		
Applied force accuracy 1% in range of full scale to 5% of full scale, exceeding requirements of ASTM E4, EN10002-2, DIN 51221 and BS 1610		
Load Cell Manufacturer Calibration Certificate	Standard	
Calibration on Installation	Standard	
Capacity (Standard)	kN	500
Resolution	N	12
Disk Sets		
Disk Set 1	mm	250 350 450 600 800 1000 1200 1400 1600, 1800 2000 2200 2400 2600 2800 3000, 3200, 3400, 3600, 3800, 4000
Disk Set 2	mm	300 400 500 700 900 1100 1300 1500 1700, 1900 2100 2300 2500 2700 2900, 3100, 3300, 3500, 3700, 3900
Machine Dimensions		
Overall Height - Guards Open	mm	3,500
Overall Width	mm	5,150
Overall Depth	mm	4,400
Weight - Excluding Optional Storage Trolleys	kg	13,500
Power Requirements		
Voltage	Volts	220-240
Current	Amps	10
Cycle	Hz	50/60
Safety Features		
Conforms to CE essential hazard and safety requirements		
Emergency stop cuts power from drive system		
End of travel switches stop drive system		
Resident firmware stops machine in case of overload		
Test Fixtures and Software Modules to Following Test Standards		
ISO 8521, EN 1394, DIN 1394, ASTM D 2290		

¹ Groove depth 25mm to accommodate specimens 25 mm wide as required by test standards ISO 8521 (Method B), ASTM D 2290 and EN 1394 (Method B)