

<b>CK4400 Stiffness Tester Specifications</b>		
<b>Load Frame</b>		
Maximum Opening	mm	4,400
Minimum Opening	mm	100
Machine Capacity	kN	65
Machine Capacity	tons	6.5
Number of Screw	#	1
Crosshead Travel	mm	4,300
Maximum Testing Speed	mm/min	600
Minimum Testing Speed	mm/min	0.1
Jog Speed	mm/min	Up to 600
Speed Accuracy	% of F.S.	0.1
Displacement Resolution	mm	0.01
<b>Load Module</b>		
Applied force accuracy 0.5% conforms to ISO 5893, ISO 7500-1, EN10002-2, DIN 51221, ASTM E4, BS1610		
Accuracy: 0.5% from 0.65kN to 65kN and 1% from 0.33kN to 0.65kN		
Load Cell Manufacturer Calibration Certificate	Standard	
Calibration on Installation	Standard	
Capacity	kN	65
Resolution	N	1
Resolution	Kg	0.1
Load Cell Accuracy	% of F.S.	0.04
Load Cell Non-linearity	% of F.S.	0.03
Load Cell Hysteresis	% of F.S.	0.02
Load Cell Repeatability	% of F.S.	0.01
Load Cell Safe Overload	% of F.S.	150
<b>Machine Dimensions</b>		
Overall Height	mm	5,610
Overall Width	mm	1,480
Overall Depth	mm	1,580
Weight ( $\pm 15$ kg)	kg	3,500
<b>Power Requirements</b>		
Voltage	Volts	380-480 ; 3~
Current	Amps	13
Cycle	Hz	50/60
<b>Safety Features</b>		
Conforms to CE essential hazard and safety requirements		
Emergency stop cuts power from drive system		
On/Off switch cuts power from drive system		
Overtravel limit switches cut power from drive system		
End of travel limit switches stop drive system		
Resident firmware stops machine in case of overload		
<b>Software Modules to Following Test Standards</b>		
ISO 7685, ISO 10466, EN 1226, EN 1228, DIN 1226, DIN 1228, DIN 53769-3, DIN 16868-2, ASTM D 2412, DVGW 24-hour, DVGW 100-hour.		