

YL30 Universal Testing Machine Specifications		
Load Frame		
Machine Capacity	kN	300
Machine Capacity	tons	30
Maximum Testing Speed	mm/min	300
Minimum Testing Speed	mm/min	0.1
Jog Speed	mm/min	up to 400
Speed Accuracy	mm/min	0.1
Positioning Accuracy	mm	0.01
Horizontal Clearance	mm	600
Crosshead Travel Excluding Grips	mm	1,320
Crosshead Travel with Wedge Grips Installed	mm	800
Load Module		
Applied force accuracy 0.5% in range of full scale to 1% of full scale, and 1% from 1% of full scale to 0.2% of full scale.		
Load Cell Manufacturer Calibration Certificate	Standard	
Calibration on Installation	Standard	
Capacity (Standard)	kN	300
Resolution	N	2
Machine Dimensions		
Overall Height	mm	2,460
Overall Width	mm	1,300
Overall Depth	mm	670
Weight (approx.)	kgs	1050
Power Requirements		
Voltage	Volts	380-480 ; 3~
Current	Amps	16
Cycle	Hz	50/60
Safety Features		
YL30 conforms to CE essential hazard and safety requirements		
Emergency stop cuts power from drive system		
Overtravel switch 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 178, ISO 527, ISO 8513, ISO 8513, ISO 8521, ISO 604, ISO 7685, ISO 10466, ISO 14130, EN 178, EN 1226, EN 1228, EN 1393, EN 1394, EN 14130, DIN 178, DIN 1226, DIN 1228, DIN 1393, DIN 1394, DIN 53769-3, DIN 16868-2, DIN 14130, ASTM D 638, ASTM D 695, ASTM D 790, ASTM D 2105, ASTM D 2290, ASTM D 2344, ASTM D 2412, ASTM D 5934.		