

SYE SERIES COMPRESSION TESTING MACHINE

SYE Series hydraulic compression testing machine is used for the compression test of concrete and other construction materials, manual load, digital display the value of pressure and ratio of loading. It can save and print the test result directly by the controller. It also can be equipped with computer to show the load curve and process the date.



SYE-300



SYE-1000



SYE-2000BS

Model	SYE-300	SYE-1000	SYE-2000BS
Features	Manual load	Four standard columns	Manual load, protect cover
Accuracy class	Class one	Class one	Class one
Max load capacity	300kN	1000kN	2000kN
Compression space	210mm	280mm	330mm
Piston stroke(mm)	80	150	120
Size of upper compression plates(mm)	Dia. 170	Dia. 230	Dia. 300
Size of lower compression plates(mm)	Dia. 170	Dia. 230	Dia. 300
Power	380V(220V optional), 50Hz(60Hz optional), 0.75kW	380V(220V optional), 50Hz(60Hz optional), 1.0kW	380V(220V optional), 50Hz(60Hz optional), 1.3kW
Dimension (load frame mm)	850×400×1350	880×420×1350	900×400×1250
Weight(kg)	400	600	900

COMPRESSION TESTING



SYE-2000D and SYE-3000D hydraulic compression testing machine is used for the compression test of concrete and other construction materials, manual load, adopt electric -screws to adjust the compression space, digital display the value of pressure and ratio of loading. It can save and print the test result directly by the controller. It also can be equipped with computer to show the load curve and process the date.

Model	SYE-2000D	SYE-3000D
Features	Electric screw, protect cover	Electric screw, protect cover
Accuracy class	Class one	Class one
Max load capacity	2000kN	3000kN
Compression space	320mm	340mm
Piston stroke(mm)	50	80
Size of upper compression plates(mm)	240×240	265×265
Size of lower compression plates(mm)	300×250	360×285
Power	380V, 50Hz, 1.3kW	380V, 50Hz, 1.3kW
Dimension (load frame mm)	950×420×1350	1000×500×1500
Weight(kg)	950	1500

SYE-2000B/SYE-3000B

FEATURES:

- Hydraulic Manual loading.
- Used for testing the compressive and flexural strength of cement, concrete and other building materials. It can be carried out in accordance with the corresponding standard as setting loading rate.
- LCD screen display strength, loading speed value, can be configured computer display load curve and data acquisition processing, also can be directly printing and storage test result directly.
- Suitable for testing 50mm, 100mm, 150mm and 200mm cube samples as well as cylinder samples with 75-160mm diameter and 150-320mm height.
- Pressure safety valve, piston limit switch, removable front and rear gates are standard in all models. Upper compression platens have ball seating assembly for movement in all models. All compression platens have a surface hardness of 50 HRC.



Model	SYE-2000B	SYE-3000B
Max load capacity	2000kN	3000kN
Accuracy class	Class one	Class one
Span of colum	400 mm	440 mm
Compression space	360 mm	400 mm
Piston stroke	200 mm	200 mm
Size of compression plates	Dia. 300mm	Dia. 300 mm
Dimension (load frame)	650×560×1500mm	720×720×1800 mm
Power(kW)	380V(220V optional), 50Hz(60Hz optional), 1.8 kW	380V(220V optional), 50Hz(60Hz optional), 1.8 kW
Weight(kg)	1500 kg	2700 kg