

## ●● HLA592 SERIES

### Compression Testing Machines with Auto Pacing

Similar to HLM 592 Series except that it has an arrangement for automatic pacing system, which is achieved by the combination of advance hydraulic and electronic system. Control signal from the electronic system is passed on to the stepper motor through the P.I.D controller. Stepper motor controls the flow to the hydraulic ram thereby keeping the pace rate with in  $\pm 2\%$  of the pre-pro-

grammed value. At the failure load, the machine is automatically released. All controlling is through the membrane keyboard. The electronic system have a advance 8 bit microprocessor with 12 bit ADC. If connected to the computer, total controlling can be done through the computer. It displays online graph of load vs time.

The supporting windows based software has facility to:-

- 1) Store files
- 2) Give profile of the batch
- 3) Retrives files on demand
- 4) Calculate max stress value

- 5) Store results of 1000 test cubes

**Note:- Computer is an optional accessories.**



Cat No.	Capacity KN	Range	Max Ram Travel (mm)	Day Light Clearance (mm)	Horizontal Clearance (mm)	Size of Platen (mm)
HLA592.102	500	0 - 200 200 - 500	50	340	300	256
HLA592.202	1000	0 - 200 200 - 1000	50	340	300	256
HLA592.302	2000	0 - 200 200 - 2000	50	340	350	256
HLA592.402	3000	0 - 200 200 - 2000 2000- 3000	50	340	400	300
HLA592.502	5000	0 - 200 200 - 2000 2000- 5000	50	340	510	300