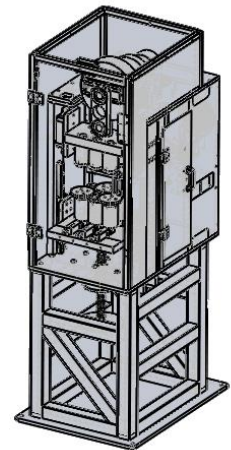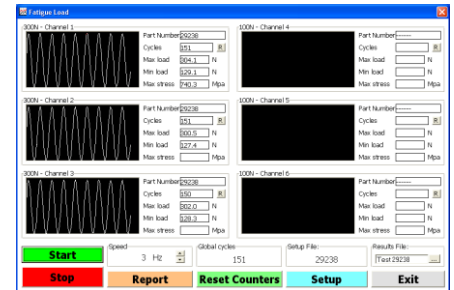# LST 1200 Fatigue Testers

- **6 or 12 Station PC Models-** independent measuring and recording of load on each station.
- **12 station models** available with 2 separate heads. **Each head consisting of up to 6 stations, for independent setup**
- **Optional heating units available**

Optional Temperature controlled air heating unit (Up to 230 degrees C)

Specifications

	LST1200-6	LST1200-6 PC	LST1200-12	LST1200-12 PC	
Number of test stations	6	6	12	12	Stroke and base height can be independently set for each head
Number of Test heads	1	1	2	2	
Maximum total load N (lbf)	1200 (270)	1200 (270)	1200 (270) per head **Total 2400 (540)**	1200 (270) per head **Total 2400 (540)**	
Maximum load per test station N (lbf)	300 (68)	300 (68)	300 (68)	300 (68)	
Maximum compression spring OD mm (in)	55 (2.16)	55 (2.16)	55 (2.16)	55 (2.16)	
Maximum adjustable compression spring free length mm (in)	200 (8)	200 (8)	200 (8)	200 (8)	
Maximum speed (Hz)[*]	25	25	25	25	
Maximum stroke mm (in)	60 (2.36)	60 (2.36)	60 (2.36)	60 (2.36)	
Fatigue cycle count and stop when count reached	√	√	√	√	
Programmable stop when one spring, all springs fail, after time period		√		√	
Programs per spring type stored for easy recall and setup		√		√	
Stroke and base height shown on monitor		√		√	
Fatigue loads recorded per cycle and gap cycles		√		√	
Load recorded for relaxation evaluation		√		√	
Optional tension spring attachments per spring type	√	√	√	√	
Intel Dual core 2 PC, 17" LCD monitor, Windows 7 or Win10		√		√	
Optional air temperature controlled heaters up to 230 degrees	Optional	Optional	Optional	Optional	
L x B x H mm (in), excluding control cabinet	500x700x1800 20x28x71	500x700x1800 20x28x71	500x700x2000 20x28x71	500x700x2000 20x28x71	
Weight kg (lb)	400 (880)	400 (880)	500 (1100)	500 (1100)	
Supply	380V 3PH max 7A	380V 3PH max 7A	380V 3PH max 10A	380V 3PH max 10A	

*-Load and Stroke derating applies

SAS Inc.
Spring Analysis Systems

Specifications may change without notice