

Kalpak Automatic Spring Tester

Model no.	STM - 01	STM 10	STM - 300	STM - 1000
LOAD CAPACITY	1Kgf / 100 gmf	10Kgf / 1Kgf	300Kgf / 50Kgf	1000Kgf / 100Kgf
UNITS OF MEASUREMENT	Lb/ Kgf (gmf)/ N	Lb/ Kgf (gmf)/ N	Lb/ Kgf (gmf)/ N	Lb/ Kgf (gmf)/ N
LOAD SENSOR	Suitable Load Cell	Suitable Load Cell	Suitable Load Cell	Suitable Load Cell
LOAD RESOLUTION	1 part in 1000 or better	1 part in 1000 or better	1 part in 1000 or better	1 part in 1000 or better
LOAD ACCURACY	1gmf/0.1gmf	10gmf/1gmf	300gmf/50gmf	1Kgf/0.1Kgf
ACTUATOR DRIVE	Stepper Motor	Stepper Motor	Stepper Motor	Servo Drive
TEST SPEED	1 to 100mm/min	1 to 100mm/min	1 to 100mm/min	1 to 100mm/min
LENGTH SENSOR	Encoder	Encoder	Encoder	Encoder
LENGTH RESOLUTION	0.01mm	0.01mm	0.01mm	0.01mm
SPEED ACCURACY	Better than 0.5 parts in 1000	Better than 0.5 parts in 1000	Better than 0.5 parts in 1000	Better than 0.5 parts in 1000
MAX. SPRING DIA & LENGTH	As per Requirement	As per Requirement	As per Requirement	As per Requirement
SUPPLY	230 V ac +/- 10%, 50 Hz, 50 VA	230 V ac +/- 10%, 50 Hz, 50 VA	230 V ac +/- 10%, 50 Hz, 200 VA	230 V ac +/- 10%, 50 Hz, 500 VA
SIZE (in mm)	370(W) X320 (D) X550 (H)	370(W) X320 (D) X550 (H)	AS PER REQUIREMENT	AS PER REQUIREMENT