

Electro-dynamic Vibration Test System

Medium Force Series

System model		TS25		TS30	TS35		TS40	TS50		TS50	TS50
		WLS3-340	TS30-370	LS4-445	WLS3-340	TS40-370	LS4-445	TS50-445	LS3-445	LS4-445	W-445
1	Sine(peak)/Random(rms)(kN)	25	30	30	35	40	40	50	50	50	50
2	Shock force(kN)	50/75	60/90	60/90	70/105	80/120	80/120	100/150	100/150	100/150	100/150
3	Frequency range(Hz)	5-2,800	5-2,800	5-2,600	5-2,800	5-2,800	5-2,600	5-2,600	5-2,600	5-2,500	5-2,600
4	Max.acceleration(m/s²)	1,000	1,000	750	1,000	1,300	900	1,000	900	850	1,000
5	Max.velocity(m/s)	2	2	1.8	2	2	1.8	2	2	2	2
6	Max.displacement(mm)	76	51	100	76	51	100	51	76	100	51
7	Max.load(kg)	300	500	500	300	500	500	800	800	800	800
8	Mass of moving elements(kg)	25	30	40	25	31	45	50	55	59	50
9	Armature diameter(mm)	340	370	445	340	370	445	445	445	445	445
10	Body suspension natural frequency(Hz)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
11	Power amplifier model	PWA30W	PWA30	PWA30	PWA40W	PWA40	PWA40	PWA50	PWA50	PWA50	PWA50W
12	Power(kVA)	36	30	30	48	40	40	50	50	50	50
13	Power requirement(kVA)	62	54	54	73	73	73	82	82	82	90
14	Cooling type	Water cooled	Air cooled	Air cooled	Water cooled	Air cooled	Air cooled	Air cooled	Air cooled	Air cooled	Water cooled

TS50		TS50	TS60		TS60	TS60	TS60	TS60	TS70	TS70	TS70	TS70
WLS3-445	WLS4-445	TS60-445	LS3-445	LS4-445	W-445	WLS3-445	WLS4-445	WLS4-445	LS3-480	W-445	WLS3-445	WLS4-445
1	50	50	60	60	60	60	60	60	70	70	70	70
2	100/150	100/150	120/180	120/180	120/180	120/180	120/180	120/180	140/210	140/210	140/210	140/210
3	5-2,500	5-2,400	5-2,600	5-2,600	5-2,500	5-2,600	5-2,500	5-2,400	5-2,700	5-2,600	5-2,500	5-2,400
4	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
5	2	2	2	2	2	2	2	2	2/2.5*	2	2	2
6	76	100	51	76	100	51	76	100	76	51	76	100
7	800	800	800	800	800	800	800	800	1,000	800	800	800
8	50	50	60	55	60	60	60	60	70	60	60	60
9	445	445	445	445	445	445	445	445	480	445	445	445
10	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
11	PWA50W	PWA50W	PWA60	PWA60	PWA60	PWA60W	PWA60W	PWA60W	PWA70	PWA70W	PWA70W	PWA80W
12	50	50	60	60	60	60	60	60	70	70	70	80
13	90	90	95	95	95	100	100	100	108	110	110	140
14	Water cooled	Water cooled	Air cooled	Air cooled	Air cooled	Water cooled	Water cooled	Water cooled	Air cooled	Water cooled	Water cooled	Water cooled