

TECHNICAL PARAMETERS

Model	Working area (mm)	Mass of slip plate (kg)	Thickness of slip plate (mm)	Max. specimen mass (kg)	Dimensions L x W x H (mm)	Max. pitch/ roll moment (Nm)	Max. yaw moment (Nm)
TGT MO 12 XS	305 x 305	8.5	40	100	950 x 600 x 550	550	250
TGT MO 12 S					1150 x 750 x 750		
TGT MO 12 SM					1500 x 1050 x 900		
TGT MO 12 M					1500 x 1050 x 900		
TGT MO 18 XS	458 x 458	18	40	300	1250 x 650 x 550	1600	250
TGT MO 18 S					1350 x 950 x 750		
TGT MO 18 SM					1600 x 1050 x 900		
TGT MO 18 M					1700 x 1100 x 900		
TGT MO 18 L	1600 x 1200 x 950						
TGT MO 20 XS	508 x 508	22	40	400	1350 x 700 x 550	2400	250
TGT MO 20 S					1350 x 850 x 750		
TGT MO 20 SM					1650 x 1100 x 900		
TGT MO 20 M					1650 x 1100 x 900		
TGT MO 20 L					1700 x 1200 x 950		
TGT MO 20 XL	2050 x 1350 x 1200						
TGT MO 24 S	610 x 610	31	40	550	1500 x 950 x 750	3880	250
TGT MO 24 SM					1800 x 1100 x 900		
TGT MO 24 M					1800 x 1100 x 900		
TGT MO 24 L					1800 x 1250 x 950		
TGT MO 24 XL					2150 x 1600 x 1250		
TGT MO 30 M	762 x 762	47	40	1000	1950 x 1100 x 900	7600	250
TGT MO 30 L					1950 x 1100 x 950		
TGT MO 30 XL					2500 x 1400 x 1250		
TGT MO 36 L	915 x 915	80.5	50	1750	2050 x 1250 x 1000	12670	250
TGT MO 36 XL					2300 x 1600 x 1250		
TGT MO 36 XXL					2700 x 2000 x 1600		
TGT MO 39 L	991 x 991	100	50	2200	2150 x 1750 x 1000	16700	250
TGT MO 39 XL					2450 x 1650 x 1250		
TGT MO 39 XXL					2800 x 2000 x 1600		
TGT MO 48 L	1200 x 1200	142	50	2400	2200 x 1800 x 1000	19500	250
TGT MO 48 XL					2700 x 1600 x 1250		
TGT MO 48 XXL					3000 x 1950 x 1500		
TGT MO 60 L	1500 x 1500	243	50	3500	2850 x 1800 x 1000	25600	250
TGT MO 60 XL					3050 x 1800 x 1200		
TGT MO 60 XXL					3150 x 1700 x 1400		
TGT MO 70 L	1800 x 1800	302	50	4000	3150 x 2100 x 1000	30000	250
TGT MO 70 XL					3250 x 2100 x 1200		
TGT MO 70 XXL					3450 x 2000 x 1400		
TGT MO 78 XL	2000 x 2000	390	50	4500	3550 x 2300 x 1400	34000	250
TGT MO 78 XXL					3650 x 2300 x 1400		



Shaker S 51010/LS-340 with slip table TGT MO 20 L

Oil-film slip tables consist of a precision grinded and lapped natural granite block with a magnesium plate that slides on an oil film. Four linear guides guarantee the lateral guidance of the slip plate and minimize transverse motion. Horizontal and vertical excitation is possible so that specimens may be tested in their working position. Vibration isolators are provided on the underside of the frame as a standard feature to prevent vibration transfer to the building.

Features:

- Integrated oil pan
- Non-contact displacement monitoring (only with AIT-system)
- 100 mm displacement possible (with appropriate shaker)

Effective frequency range 0 - 2000 Hz

Models of type XXXL and LX and slip plates of other sizes and dimensions are available on request.

MATRIX - COMBINATION VIBRATION TEST SYSTEMS AND SLIP TABLE SIZES

Model	TV 5220 (1 kN)	TV 54216 (1,6 kN)	TV 50350 (2,7 kN)	TV 55240 (4 kN)	TV 56280 (8 kN)	TV 51010 (11 kN)	TV 57315 (15 kN)	TV 59322 (22 kN)	TV 59327 (27 kN)	TV 59335 (35 kN)	TV 59349 (49,5 kN)	TV 59355 (55 kN)	TV 59360 (60 kN)	TV 59370 (70 kN)	TV 59374 (74 kN)	TV 59389 (89 kN)	TV 59410 (100 kN)	TV 59412 (125 kN)	TV 59413 (130 kN)	TV 59416 (168 kN)	TV 59420 (200 kN)	TV 59430 (300 kN)	
TGT MO 12 XS	X	X																					
TGT MO 12 S			X																				
TGT MO 12 SM				X																			
TGT MO 12 M					X																		
TGT MO 18 XS	X	X																					
TGT MO 18 S			X																				
TGT MO 18 SM				X																			
TGT MO 18 M					X																		
TGT MO 18 L						X	X																
TGT MO 20 XS	X	X																					
TGT MO 20 S			X																				
TGT MO 20 SM				X																			
TGT MO 20 M					X																		
TGT MO 20 L						X	X																
TGT MO 20 XL								X	X	X													
TGT MO 24 S			X																				
TGT MO 24 SM				X																			
TGT MO 24 M					X																		
TGT MO 24 L						X	X																
TGT MO 24 XL								X	X	X													
TGT MO 30 M					X																		
TGT MO 30 L						X	X																
TGT MO 30 XL								X	X	X													
TGT MO 36 L						X	X																
TGT MO 36 XL								X	X	X													
TGT MO 36 XXL											X	X	X	X	X	X	X	X	X				
TGT MO 39 L						X	X																
TGT MO 39 XL								X	X	X													
TGT MO 39 XXL											X	X	X	X	X	X	X	X	X				
TGT MO 48 L						X	X																
TGT MO 48 XL								X	X	X													
TGT MO 48 XXL											X	X	X	X	X	X	X	X	X				
TGT MO 60 L						X	X																
TGT MO 60 XL								X	X	X													
TGT MO 60 XXL											X	X	X	X	X	X	X	X	X				
TGT MO 70 L						X	X																
TGT MO 70 XL								X	X	X													
TGT MO 70 XXL											X	X	X	X	X	X	X	X	X				
TGT MO 78 XL								X	X	X													
TGT MO 78 XXL											X	X	X	X	X	X	X	X	X				
TGT MO XXXL (on request)																			X	X	X		
TGT MO LX (on request)																							X



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