

Dynalabs permanent magnet shakers are compact, lightweight and powerful general-purpose shakers which can be used for modal and vibration testing. They have high DUT capacity despite their small sizes. PM-20 and PM-100 has an integrated amplifier and a sine wave signal generator where the frequency can be adjusted from 1 Hz to 15,000 Hz.

Advantages:

- Lightweight, durable, portable and easy to use
- Adjustable trunnion base provides high degree of flexibility
- Broad frequency range
- Embedded power amplifier and signal generator for PM-20 and PM-100



Technical Specifications

	PM-20	PM-100	PM-250	PM-440
Output Force (Sinus)	20 N	100 N	250 N	440 N
Output Force (Shock)	40 N	200 N	500 N	880 N
Frequency range	0 - 12 kHz	0 – 7,5 kHz	0 – 5 kHz	0 – 5 kHz
Displacement (Peak to Peak)	5 mm	10 mm	25 mm	25 mm
Max Acceleration	40 g	60 g	100 g	100 g
Total mass	4.1 kg	7,2 kg	11,6 kg	11,8 kg
Cooling system	Air Con.	Air Con.	Forced Air	Forced Air
Suspension	Spring	Spring	Spring	Spring
Max. Input Current	4A	5A	10A	10A
AMPLIFIER	Integrated	Integrated	External	External
Input Voltage	1 VAC	1 VAC	10 VAC	10 VAC

Protections for PM-250 and PM-500

- Over travel switch
- Over current fuse