PERMANENT MAGNET SHAKER

DYN-PM-20

DynaLabs

DynaLabs permanent magnet shakers create motion by magnets and coils pushing and pulling each other, similar to the technology used in loudspeakers.

ALL-IN-ONE SHAKER

What sets our shakers apart is the integrated amplifier, which makes them incredibly easy to use. The built-in electronics can also generate sinus signals, enabling simple tests without the need for vibration controllers. The DYN-PM-20 model comes with an integrated amplifier and a highly flexible sine wave signal generator, allowing frequency adjustment from 1 Hz to 12,000 Hz. With their lightweight design and powerful performance, they are the ideal solution for vibration testing.

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

Application Areas

- Vibration testing of small parts
- Sensor calibration
- Modal testing
- Shock testing
- Fatigue and resonance testing

DYNALABS MUHENDISLIK LTD STI
Ostim OSB Mah. 100 Yıl Bulvarı Ostim
No:55B/11 Yenimahalle 06374 Ankara
TURKEY

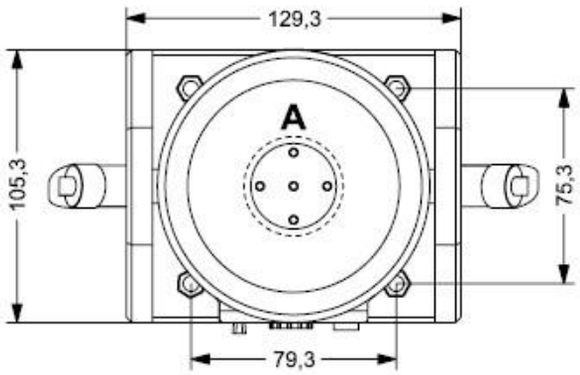
Phone: **+90 312 386 21 89**

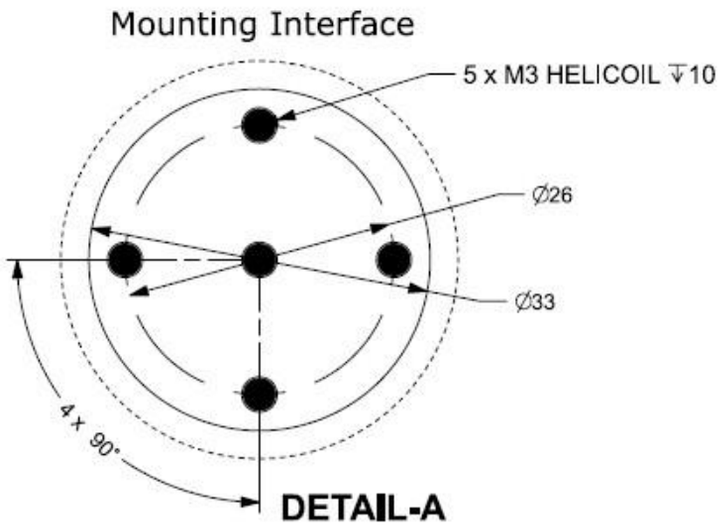
Mail: **dynalabs@dynalabs.com.tr**
Web: **www.dynalabs.com.tr**

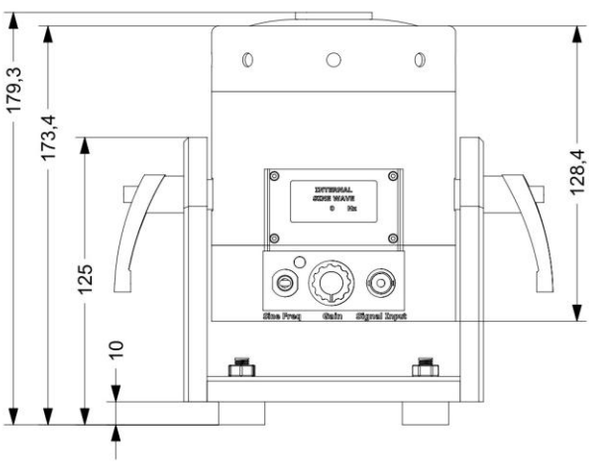
DynaLabs

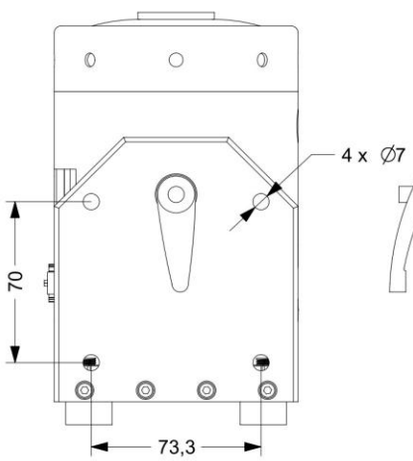
PERMANENT MAGNET SHAKER

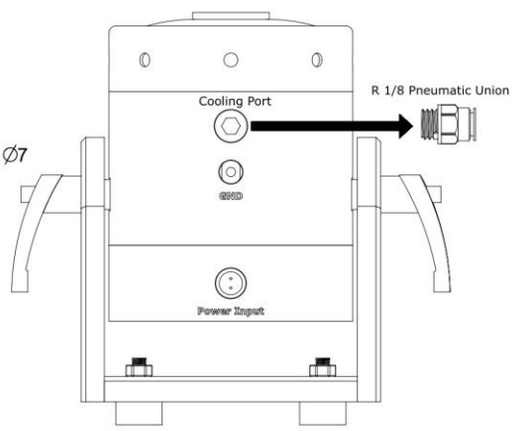
DYN-PM-20











Output Force (Sinus)	Frequency Range	Max Payload (Vertical)	Displacement (P-P)	Maximum Acceleration	Shaker Weight	Cooling System	Armature Weight
20 N	0-12 kHz	0.8 kg	5 mm	40 g	4.1 kg	Natural Convection	51 gr

Operating Temp. Range	Suspension	Maximum Input Current	Amplifier	Power Supply Voltage	Power Supply Current	External Signal Voltage Level	Max Velocity
5-35 °C	Spring	4A (RMS)	Internal	19 V (DC)	4.74 A	1 VAC (PEAK)	1 m/s

DYNALABS MUHENDISLIK LTD STI
Ostim OSB Mah. 100 Yıl Bulvarı Ostim
No:55B/11 Yenimahalle 06374 Ankara
TURKEY

Phone: **+90 312 386 21 89**

Mail: **dynalabs@dynalabs.com.tr**
Web: **www.dynalabs.com.tr**