

Ultra thin profile (1.85-1.6")

One (1) sqft of head area

Light and portable

Four (4) shakers under a .5" thick aluminum plate

Capable of supporting heavy loads (configurable to 600 lbs)

Supplied with two DSi-1000 amplifiers (4 channels total) or a single DSi-2000 for pure Z vibration

Capable of tilt or rocking motion (individual shaker control)



DESCRIPTION

Nothing beats the EDP Series Electro Dynamic Platform Shaker for its combination of performance, versatility, durability, and affordability. The .5" thick moving head (platform) is tapped with 1/4-20 holes and anodized flat black. The platform is supported by four high quality ED Shakers with neodymium permanent magnet structures. The shakers are powered by two DSi-1000 class A/B power amplifiers for individual shaker actuation, rock and tilt motions. The system can alternatively be supplied with one DSi-2000 amplifier for improved shaker motion uniformity in the pure Z direction.

SPECIFICATIONS

SINE Peak Force Output (intermittent)	200 lbf (888 N) 50 lbf each Actuator
Nominal Load (four different models)	5, 30, 50, 70 lb
Allowable variance from nominal load	+50% -60%
Displacement, Peak to Peak	0.250 in (6.4 mm)
Frequency Range	5 Hz to 2 kHz
Moving Head (platform) Mass	8.4lb (3.8Kg)
Moving Head (platform) Area	144 in^2 (0.093m^2)

Electrodynamic Platform Shaker

TECHNICAL DRAWING

