

**Ultra thin profile (1.85-1.6")**

**One (2.25) 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 (seven different models) | 20, 40, 60, 80, 200, 300, 600 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           | 16lb (3.8Kg)                         |
| Moving Head (platform) Area           | 324 in <sup>2</sup>                  |

# Electrodynamic Platform Shaker

## TECHNICAL DRAWING

