
INERTIAL SHAKER

EI 797



MAIN FEATURES

The inertial shaker type EI 797 delivers a force of around 450 N when it is used with the A 520 on-board power amplifier.

The moving assembly is composed of a magnetic circuit, and is guided by two low friction bearings, providing a high amplitude movement without transversal efforts.

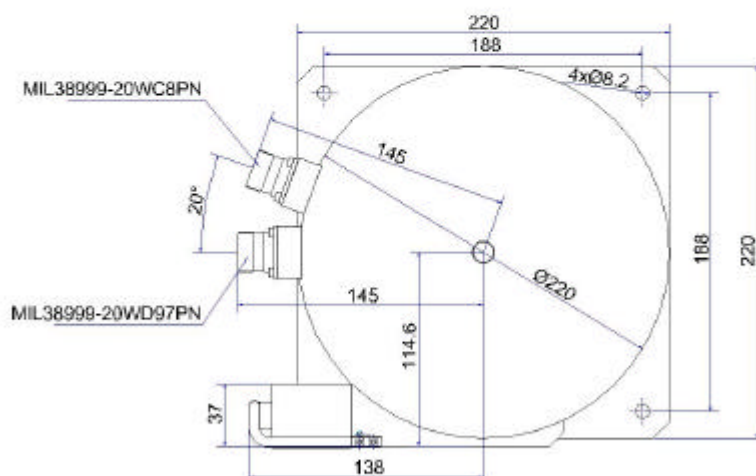
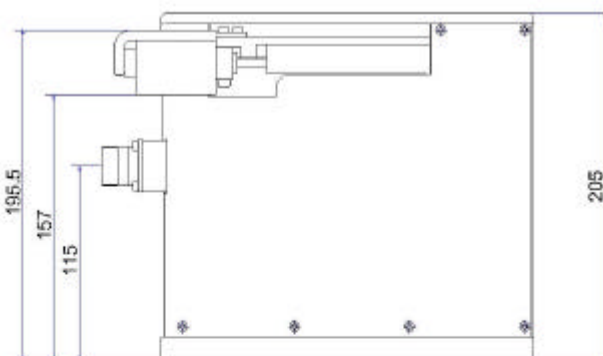
A mechanical system allows blocking the moving assembly when the shaker is not under operation, without adding stiffness to the system.

The shaker includes a PT100 thermal sensor for monitoring of the coil temperature and the pre-installation for an accelerometer integrated in the moving assembly (accelerometer not included).

TECHNICAL FEATURES

| | |
|----------------------|--------------------|
| Type of excitation | Vertical |
| Maximum force | 450 N \pm 10% |
| Maximum peak current | 20 A |
| Force coefficient | 22.5 N/A \pm 10% |
| Maximum stroke | \pm 15 mm |

| | |
|-------------------------------|------------------------|
| Weight of the moving assembly | 18.75 kg |
| Total weight | 28 kg |
| Suspension | By springs |
| Suspension cut-out frequency | < 3 Hz |
| Cooling system | By free air convection |
| Dimensions | See sketches |



All dimensions are in mm

