

Vacuum Vibration System



Description

The system serves to de-aerate encapsulated heating elements (products). Operating programs can be compiled and managed by means of a software (web visualization). For each product a special program can be defined. A program consists of maximum 20 steps. One step comprises pressure, time, and status of the vibration table.

Operation of the system is done via touch screen.

Basic Equipment:

Vibration system consisting of chamber with built-in vibration table, control cabinet with integrated electronics, as well as signaling column, vacuum pump, valves, pressure sensor, and door mechanism.

Details

Chamber volume:	approx. 350 l
Max. load:	25 kg
Frequency of vibration table [min-1]:	2.096 - 3.336 min-1
Minimum pressure, absolute [mbar]:	400 mbar
Maximum pressure, absolute [mbar]:	Ambient pressure (usually 960 – 1030 mbar), no overpressure above ambient pressure
Pressure range of vibration table:	2 - 6 bar
Compressed air:	5 bar (clean compressed air, filter 5µm)
Air consumption [l/min]:	128 - 564 l/min
Order No.:	2390 000

Technical specifications

Electrical supply:	230 V / 50 Hz (different voltage on request)
Power input:	4.8 A
Fuse:	Automatic fuse set to 6 A
Ambient temperature:	10°C - 40°C
Dimensions (w x d x h):	960 x 800 x 1.300 mm
Weight:	approx. 200 kg