



# BILZ- VITAP®

## VIBRATION ISOLATED TABLE TOP PLATFORM

V I B R A T I O N   T E C H N O L O G Y   A G



## Product description

VITAP® - Vibration Isolated Table Top Platforms. These lightweight platforms consist of a robust, powder coated metal enclosure with either three or four integrated low natural frequency BILZ rubber air springs FAEBI® or the even lower natural frequency BILZ membrane

air springs BiAir®. Platforms are available with or without a levelling system; automatic or manual levelling systems are available. Standard platforms are supplied with a granite top which provides a polished surface with high mass and stiffness.

## Application/Usage

These platforms are designed for a wide range of applications with loads from 1kg to 150kg. These include visual devices, light microscopes, microscopes with CCD camera, inspection microscopes, small surface

and roundness testers, lab and measurement rooms as well as semi-clean rooms. They are also well suited for portable use.

## Mechanics

### VITAP®-F

Efficient BILZ - FAEBI® rubber air springs with non-return valve.

### VITAP®-FP

Efficient BILZ - FAEBI® rubber air springs, levelling is manually controlled by adjusting the air pressure with three precision air pressure regulators.

### VITAP®-BM

Effective BILZ - BiAir® membrane air springs, levelling is automatically controlled (self levelling) by three mechanical-pneumatic level controllers. Automatic reset levelling after load change within +/- 0.1mm.

	platform box dimensions	surface dimensions	height	payload vertical approx.	natural frequency	compressed air supply
VITAP-F 50-40	540x440mm	500x400mm	90mm	1-100 kg	4,5-6 Hz	self-contained / pneumatic pump
VITAP-F 60-50	640x540mm	600x500mm	90mm	1-150 kg	4,5-6 Hz	self-contained / pneumatic pump
VITAP-FP 50-40	540x440mm	500x400mm	90mm	1-100 kg	4,5-6 Hz	6 bar compressed air net
VITAP-FP 60-50	640x540mm	600x500mm	90mm	1-150 kg	4,5-6 Hz	6 bar compressed air net
VITAP-BM 50-40	540x440mm	500x400mm	90mm	1-100 kg	1,8-3 Hz	6 bar compressed air net
VITAP-BM 60-50	640x540mm	600x500mm	90mm	1-150 kg	1,8-3 Hz	6 bar compressed air net



## Examples

