



VITAP®-FP

BILZ-VITAP® Vibration Isolated Table Top Platforms

Product description

BILZ-VITAP® – Vibration Isolated Table Top Platforms. These light-weight 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.

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.

Application / Usage

These platforms are designed for a wide range of applications with loads from 1 kg to 150 kg. 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.

VITAP®-BM

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

VITAP®-BC

The special design of the VITAP®-BC is of particular benefit to microscope workstations, thanks to the low height of the unit to be stored as a result of its hook-on design, as well as the additional comfortable armrests.

	platform box dimensions	surface dimensions	height vertical approx.	payload	natural frequency	compressed air supply
VITAP®-F 50-40	540 x 440 mm	500 x 400 mm	90 mm	10 - 500 N	4,5-6 Hz	self-contained / pneumatic pump
VITAP®-F 60-50	640 x 540 mm	600 x 500 mm	90 mm	10 - 500 N	4,5-6 Hz	self-contained / pneumatic pump
VITAP®-FP 50-40	540 x 440 mm	500 x 400 mm	90 mm	10 - 500 N	4,5-6 Hz	4 bar compressed air net
VITAP®-FP 60-50	640 x 540 mm	600 x 500 mm	90 mm	10 - 1500 N	4,5-6 Hz	4 bar compressed air net
VITAP®-BM 50-40a	540 x 440 mm	500 x 400 mm	90 mm	10 - 350 N	1,8-3 Hz	6 bar compressed air net
VITAP®-BM 50-40b	540 x 440 mm	500 x 400 mm	90 mm	35 - 600 N	1,8-3 Hz	6 bar compressed air net
VITAP®-BM 60-50a	640 x 540 mm	600 x 500 mm	90 mm	10 - 600 N	1,8-3 Hz	6 bar compressed air net
VITAP®-BM 60-50b	640 x 540 mm	600 x 500 mm	90 mm	600 - 1500 N	1,8-3 Hz	6 bar compressed air net
VITAP®-BC 60-50b	640 x 540 mm	600 x 500 mm	90 mm	600 - 1500 N	1,8-3 Hz	6 bar compressed air net



VITAP®-F



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Examples

