

TABLE PLATFORMS

VIBRATION INSULATING TABLE PLATFORMS WITH INTEGRATED AIR SPRING IN A STURDY METAL HOUSING. OPTIONALLY AVAILABLE WITH MECHANICAL-PNEUMATIC LEVEL CONTROL.



All information about our table platforms is also available on our website.

Mobile table platforms with passive insulation systems, with or without level control or air pressure supply.

NOTES

VITAP® vibration insulating platforms are made of a robust, powder-coated aluminium housing with integrated Bilz FAEBI® rubber air springs or Bilz BiAir® membrane air springs.

Depending on the variant, they are optionally equipped with simple to convenient Bilz position or level control systems and are available with or without connection to an external compressed air supply.

A polished hard stone pad lies on the insulators as a support base and solid base mass.

APPLICATION AREAS:

- Only in conjunction with a rigid base/table
- For light and small measuring or testing equipment weighing up to 200 kg.
- Optical devices, microscopes, small surface roughness and roundness measuring equipment, hardness testers, analytical balances, etc.
- Also suitable for portable use of these measuring devices.
- Applications in industrial production environments, laboratories and measuring rooms up to clean rooms.



Bilz VITAP® with Olympus microscope

PASSIVE TABLE PLATFORMS

SERIES VITAP-F



Mobile and autonomous, passive table platform, no compressed air and power supply necessary.

- Load capacity 600 - 1,300 N
- Vertical natural frequency 4.5 - 6 Hz

Colour: RAL 7037, dusty grey

The VITAP-F table platform is a variant with tried and tested FAEBI® rubber air springs and non-return valves (autovalves). No connection to an external compressed air supply is necessary. A hand pump is included.

Series	Item no.	Dimension platformbox mm	Dimension installation area mm	Height mm	Load Capacity N	Natural frequency Hz	Compressed air supply
F 50-40	56-0008	540 × 440	500 × 400	100 +/- 1,5	600	4,5-6	self-sufficient / air pump
F 60-50	56-0009	640 × 540	600 × 500	100 +/- 1,5	1.300	4,5-6	self-sufficient / air pump

SERIES VITAP-FP



Mobile, passive table platform with convenient level adjustment, requires no power supply.

- Load capacity 600 - 1,300 N
- Vertical natural frequency 4.5 - 6 Hz

Colour: RAL 7037, dusty grey

The VITAP-FP table platform is a variant with tried and tested FAEBI® rubber air springs and fine pressure regulators for convenient height adjustment. A connection to an external compressed air supply is available.

Series	Item no.	Dimension platformbox mm	Dimension installation area mm	Height mm	Load Capacity N	Natural frequency Hz	Compressed air supply
FP 50-40	56-0010	540 × 440	500 × 400	105 +/- 1,5	600	4,5-6	4 bar / compressed air net
FP 60-50	56-0011	640 × 540	600 × 500	105 +/- 1,5	1.300	4,5-6	4 bar / compressed air net

SERIES VITAP-BM



Mobile, passive table platform with mechanical-pneumatic level control and high insulation efficiency. No power supply necessary.

- Load capacity 750 - 2.000 N
- Vertical natural frequency 3 Hz

Colour: RAL 7037, dusty grey

VITAP-BM vibration insulated table platform is a variant with highly effective BiAir® membrane air springs and mechanical-pneumatic level control (MPN) with automatic level compensation in response to load changes. A connection to an external compressed air supply is available.

Series	Item no.	Dimension platformbox mm	Dimension installation area mm	Height mm	Load Capacity N	Natural frequency Hz	Compressed air supply
BM 50-40a	56-0006	540 × 440	500 × 400	98 +/- 1,5	750	3	6 bar / compressed air net
BM 50-40b	56-0005	540 × 440	500 × 400	98 +/- 1,5	1.500	3	6 bar / compressed air net
BM 60-50a	56-0002	640 × 540	600 × 500	98 +/- 1,5	1.500	3	6 bar / compressed air net
BM 60-50a	56-0003	640 × 540	600 × 500	98 +/- 1,5	2.000	3	6 bar / compressed air net