

HIGH-PERFORMANCE ISOLATOR

DEVELOPED & PRODUCED
IN HANNOVER, GERMANY



HIGH QUALITY PARTS



EASY SETUP



KEY FEATURES OF THE 125 KG HIGH-PERFORMANCE ISOLATOR

- Superior passive isolation due to extremely low resonance frequency of 0.5 Hz or less
- Passive spring suspension with special „negative stiffness“ device
- No compressed air and no electrical power required
- High precision leveling with accuracy of 10 μm
- Available as a table isolator for 6 DOF isolation
- Optional active resonance damping available
- Broad range of variants in near future

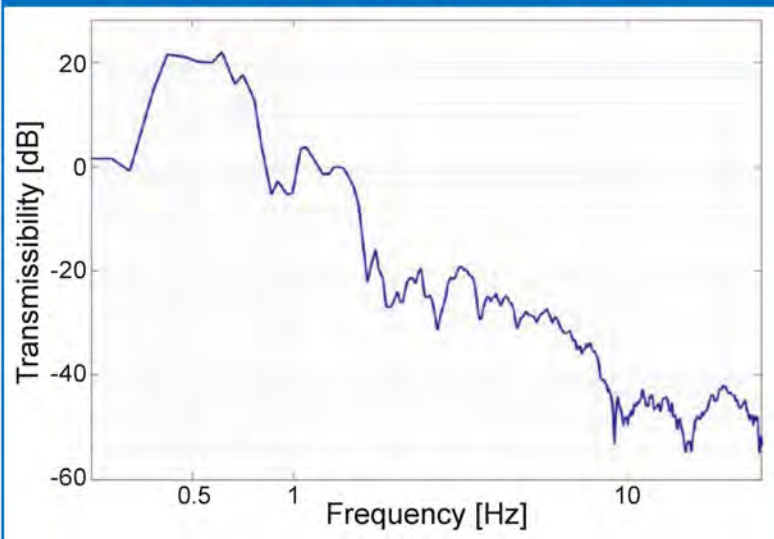
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ISOLATED WORKSTATION



- Ergonomic workstation table with four integrated isolators
- Automatic group leveling within +/- 10 µm
- Automatic group adjustment using GUI
- Different size and payload ranges available

MEASURED TRANSMISSIBILITY



- Isolation starting below 1 Hz
- Adjustable resonance frequency, as low as 0.5 Hz or even less
- Reduction of -40 dB already at 8 Hz

Specifications	Unit	Data
Weight	kg	21.9
Width	mm	253
Length	mm	399
Height	mm	276
Payload capacity	kg	50 - 125
Mechanism of isolation	-	passive spring suspension with negative stiffness device
Maximum vibration amplitude (vert./horiz.)	mm	+/- 4
Vertical leveling precision	µm	+/- 10
Isolated degrees of freedom (single/table)	-	4 / 6
Peak control forces (vert./horiz.)	N	15 / 8

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