

PROBER ACCESSORIES: ANTI-VIBRATION TABLES



Anti-vibration table with rack mounting.

KEY FEATURES

- ✓ Sensor controlled, automatic compensation of surface vibration
- ✓ Typical amplitude reduction of a 10 Hz disturbance: 90 to 95%
- ✓ Suitable for a variety of applications including wafer probing in submicron range
- ✓ Increased efficiency with increasing vibration frequency
- ✓ Includes rack mounting

HIGHLY STABLE PROBING

Wentworth's self-leveling anti-vibration tables are an ideal platform for precision probing.

This pneumatic anti-vibration solution provides a highly stable and level work surface for precision work.

For vibration isolation, our tables use air pressure between 60 and 80 psi (4.1 to 5.5 bar). They are suitable for use with filtered and regulated shop or bottled air.

APPLICATIONS

The anti-vibration tables are designed for use with our high precision wafer probe stations, but are also ideally suited for a variety of other applications where accuracy might be compromised by vibration, including:

- ✓ Semiconductor manufacturing
- ✓ Research and development
- ✓ Photographic workshops
- ✓ Chemical and drug industries
- ✓ Forensic science laboratories
- ✓ Medical institutions and other applications

DESIGN

Our anti-vibration tables are available in two different sizes to complement the range of wafer probers designed for 200 mm (8") and 300 mm (12") wafers.

TABLE SIZES

Model	Max Load*	Weight**	Size (w x d x h)
AVT200	150 kg (330 lbs)	170 kg (374 lbs)	780 x 780 x 755 mm (30.7 x 30.7 x 29.7")
AVT300	190 kg (419 lbs)	232 kg (510 lbs)	995 x 995 x 755 mm (39.2 x 39.2 x 29.7")

*Maximum equipment load is based on a pressure of 70 psi (4.8 bar) and even distribution of the load.

** Does not include any accessories

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