

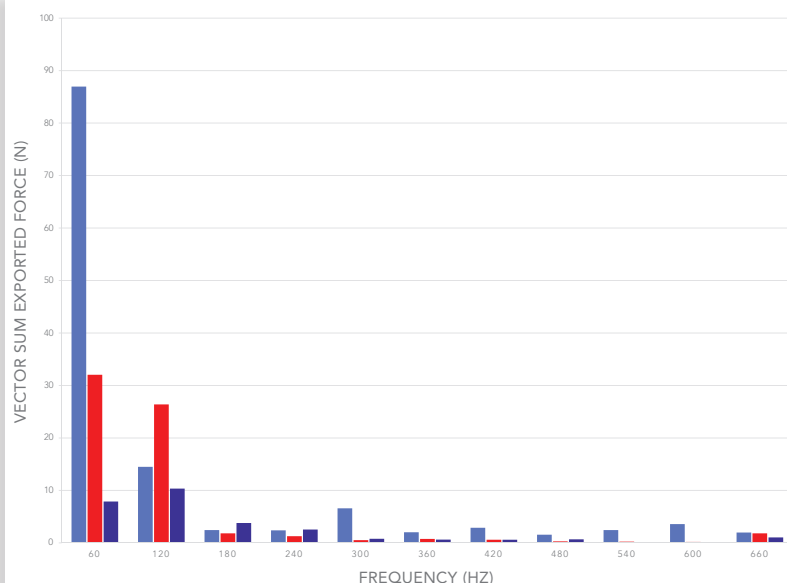
SUNPOWER

CryoTel® AVC-GEN2

Premium Performance Active Vibration Control



EXPORTED FORCE COMPARISON - VECTOR SUM, 250 W



■ Passive ■ AVC ■ Gen 2 AVC

Sunpower has advanced their Active Vibration Cancellation (AVC) technology with the introduction of the AVC-GEN2 active balancer. Initially developed as a more robust design to operate with Sunpower cryocooler models in the harsh conditions of space missions, this new commercial product offers the same improved performance and durability in tough environments.

The new design improves on the current commercial active balancer by moving from a center-bolt to a diametral mount to eliminate a single point failure risk. This mounting feature also improves alignment of the moving axes, and the center moving mass of the AVC-GEN2 balancer minimizes any off-axis motion.

The unit is also hermetically sealed inside an outer shell with internal positive pressure to offer safe operation in vacuum, offering much improved thermal management compared to the current commercial design.

The active balancer assembly of the AVC-GEN2 is compatible with the CryoTel® MT, CT, GT, and DS 30 cryocooler models. It also works with the current AVC and DS 30 controller models. The AVC-GEN2 is available for use in terrestrial and airborne applications, while also being available as a flight-level product with enhanced processing and quality documentation.

SUNPOWER
AMETEK®

The most efficient cryocoolers on the market.

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No. AMT-D00001-0323