



NEWS

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GEEPLUS TO SHOW THEIR RESPONSE TO CUSTOMER REQUESTS FOR CIRCULAR MOVEMENT

Following the successful launch of their VIBRO 1 linear actuator at Compamed last year, Geeplus have responded to customer interest for an actuator which provides a circular movement with the VIBRO 2 which will be seen in action on their stand 8aD14 this year.

Being launched in Dusseldorf in November, Geeplus will demonstrate how by combining a pair of their HAP56 haptic linear actuators operating on an XY axis which delivers the required motion, The VIBRO 2 offers very fine control on a small scale XY axis and is driven with a ramped wave form, whereby the pressure increases movement.

The use of flexures makes all movements very repeatable and because the HAP56 is actuated by the application of energy to rare earth magnets, unlike the more commonly used motorised assemblies, it has no sliding parts so is not subject to wear or mechanical faults and is also a viable alternative to air driven devices.

When energized, the individual actuators will develop a high force over displacement of 3-4mm for excitation power of only a few watts. Similarly, the lower the frequency applied, the smaller the vibratory movement. Geeplus have added a soft grip to the device, making it suitable for handling glass and other fragile or brittle containers.

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Stand
8aD14



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