



# PRESS RELEASE

## **NEW EXTRA LARGE VOICE COIL MOTOR FROM GEEPLUS GENERATES HIGH FORCE USING LOW POWER**

Designed initially for use in high power telescopes where power generated heat distorted the mirrors, a new and very large voice coil motor from Geeplus is proving to have exactly the right features required in other applications such as machine tools or medical equipment.

Geeplus found that the very high forces needed for accurate adjustment in optical systems required high power usage which in turn created overheating. The new VCM however, is able to provide significant force – up to 700N if required – with a very lower power input.

In fact, says Geeplus, the VCM can provide enough mechanical power output to operate a pumping device for ventilation, such as bellows, without the need to use compressed gases. Instead, the VCM provides an even current to ensure a smooth, regulated supply of pressure.

In this type of application, the VCM could be used to replace air supply valves. The motor measures 75mm in height and has a diameter slightly smaller than a CD.

