

FOR IMMEDIATE RELEASE:

Viking AT's ViVa® Piezo Micro Valve – Possibly The Smallest Proportional Valve In The World!

Sarasota, Florida –Viking AT, LLC brings forward a piezo micro valve with superior proportional control, based on its unique ViVa valve actuator.



Viking's team was able to shrink its ViVa Mechanical Amplifier to accommodate this exceptional micro valve. This small device comes in at 5.5mm x 18.50mm x 22.61mm as a driving proportional flow valve with great success in controlling liquid hydrocarbons and has further been tested for use with Air, Nitrogen, Helium and other gasses. Utilizing our miniature ViVa valve actuator, this micro sized valve can offer exceptional proportional control with ultra-low, less than 1 mW power consumption.

The valve has proven itself in a micro fuel cell application for consumer electronics and was designed for mass production!

Highlights of the new ViVa® piezo actuator driven Micro Valve include:

- Current design operating with flow rates from 7 LPM at 140 PSI
- Will operate from 10 – 150PSI
- Powerful stroke and force
- Built for mass production
- Very low cost
- Very low power consumption
- Can extend to many different applications and markets
- The size of a quarter

Viking AT is a world leader in piezo technology, offering practical engineering solutions for some of the most complex innovative challenges today for tomorrow. For more product information, contact Viking at 941-924-0900, or email crobards@vikingat.com