



**K&S advanced systems**

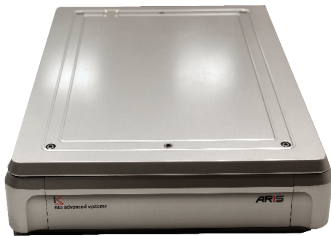
## Vibration Isolation in IVF laboratory

- Vibration free environment for Inverted and Optical Microscopes extremely important.
- Unexpected vibrations may cause
  - Higher degeneration rate during Intracytoplasmic Sperm Injection (ICSI)
  - Reduce Implantation potential of embryos following biopsy

**ARISTT75I**

### Active Vibration Isolation System

450x300x62mm



**SOTTO75I**

### Vibration Absorption System

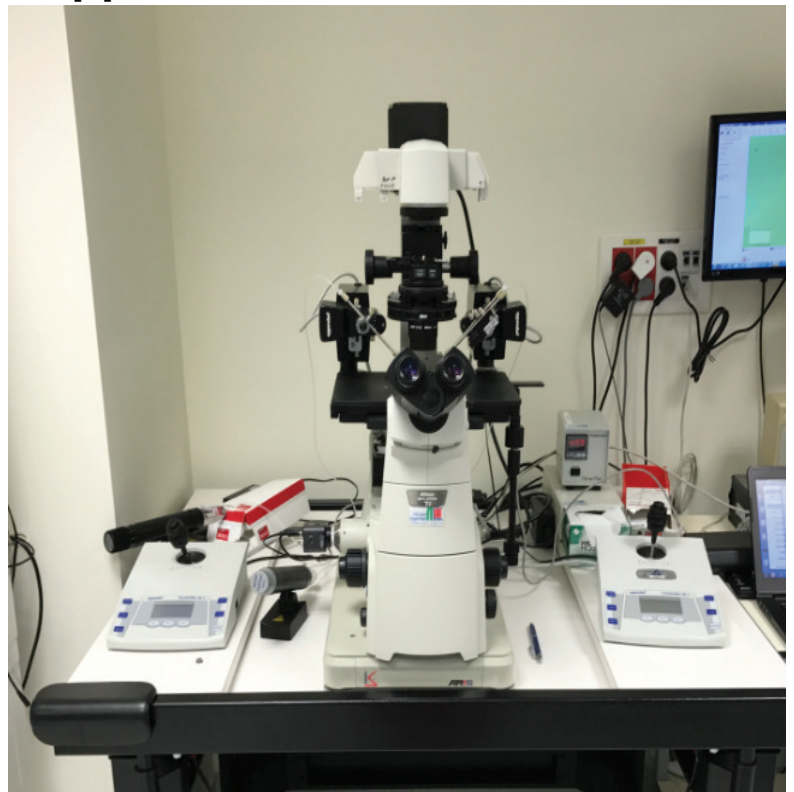
450x300x62mm



## Most Efficient Vibration Isolation Approach

### K&S Solutions Key benefits

- Patented Architecture
- Active Vibration Isolation in all Six Degree of Freedom
- Shortest in height, lightest in weight
- Improves microscope performance and quality
- Easy Integrates into workstation environment
- Requires no follow-up tuning
- Fully decoupled architecture isolating vibrations coming from the floor and vibration generating by the tool.



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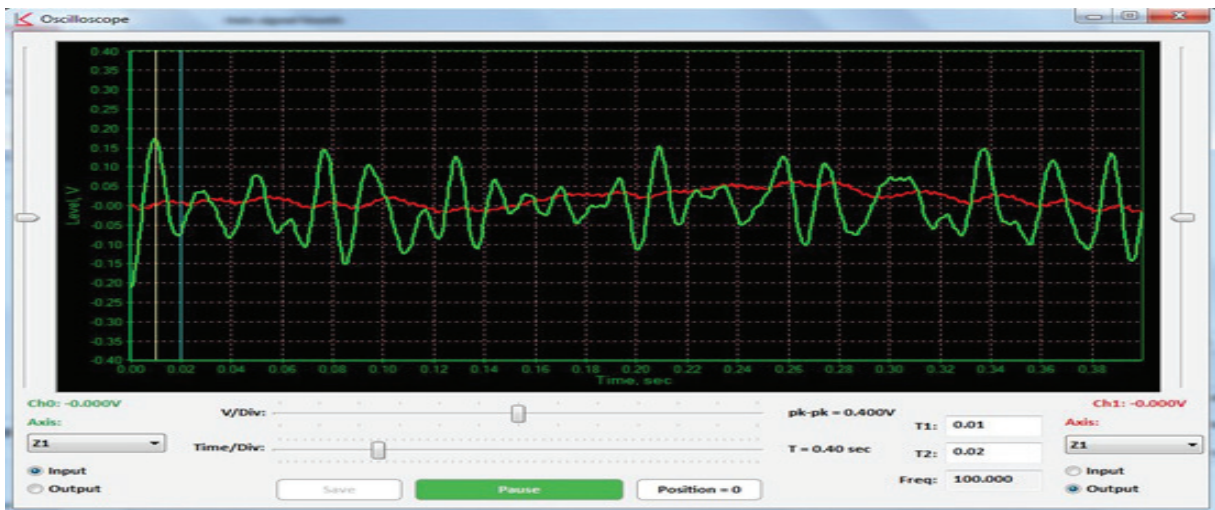


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**IVF Incubator Shaker** - a revolutionary product to enable managed and controlled vibration and agitation of the pronuclear oocytes and embryos during their in vitro development period. According to latest researches this increases blastocyst cell numbers and pregnancy rate.

#### Key benefits

- ✓ Shaking in 6 degree of freedom (vibration direction), not just a traditional rotation (RPM)
- ✓ Configurability: configurable frequency, amplitude, vibration direction, schedule.
- ✓ 2 in 1 – Shaker could be also used as a vibration isolation system when no shaking mode is activated.
- ✓ Centralized management and control – local and remote.



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