Resonance Killer - ReKi
Broadband mass damper with benefits

- ReKi works without input energy or control
  - Low cost solution
  - Reduces disturbing vibrations in broad frequency band
  - All-steel structure
  - Works in 3 directions

- ReKi is used in machines, engines, pipes and structures
  - Used in applications from 0.1 kg to 100 ton
  - Frequencies in different applications from 4 to 1000 Hz
Vibration - Noise – Strain Measurements at your service

Vibrol offers vibration, noise and strain measurement services:

- Vibration – noise – strain measurements in-situ
- Dynamic laboratory tests for components
- Modal analysis
  - Experimental modal analysis (EMA)
  - Operational deflection shapes (ODS)
- Long term measurements
- Over 30 years experience from wide range of applications
- Measurements are typically conducted in-situ
  - Vibrol personnel have conducted measurements more than 20 countries

- Shock phenomenon
  - Transient loading
  - Military applications
  - UNDEX
Vibrol offers troubleshooting services:

- Fast response to customer needs
- Vibration phenomenon analysis in-situ
- Quick analysis
- Vibration / noise control solutions
Tuned Liquid Dampers
for low frequency applications

Vibrol offers tuned liquid dampers for low frequency applications

• Chimney, mast, high rise building
• Typically excitation is wind – causing resonance in tall structure
• Liquid damper is simple and effective solution

![Diagram showing Amplification vs Frequency for Original structure and Using TLD]
Vibrol offers measurement monitoring using cloud service

- Condition based maintenance can be conducted using continuous measurement analysis
- Vibration, strain gauge etc...
- Affordable solution using automated analysis

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