



ADVANCED  
MATERIAL  
SOLUTIONS

# Upgrade to Smart Test™ Acoustic Resonance System

## SmartTest™ Advantages

### Analyzer

- Increased Bandwidth
- Higher Resolution
- Better THD
- Better EMI Protection
- Better Signal to Noise Floor

### Applications

- Integrated process Compensation
  - Auto Calculating and Criteria settings
- Ease of Use
- Quality System output
  - XML, Text, or CSV

### Impact Hammer

- Repeatable Impact Force
- Reliable advanced Actuator
- No Force Sensor
- No Force Sensor Cable
- Force settings Integrated with Application (Stored and recalled)

Tested to over a billion Impacts

### Service

- Total Customer Satisfaction
- Hotline Support
- Online Support

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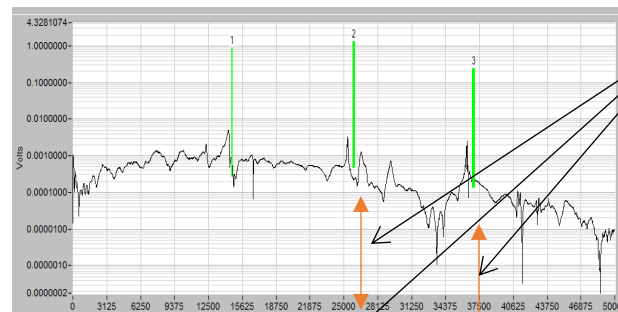
AMS recently introduced our new Smart Test™ family of acoustic resonance inspection systems, which represent a significant technology advancement in resonance inspection.

We're now pleased to offer an upgrade solution for customers who have legacy resonance inspection systems which they want to advance to the latest technology available - Smart Test™



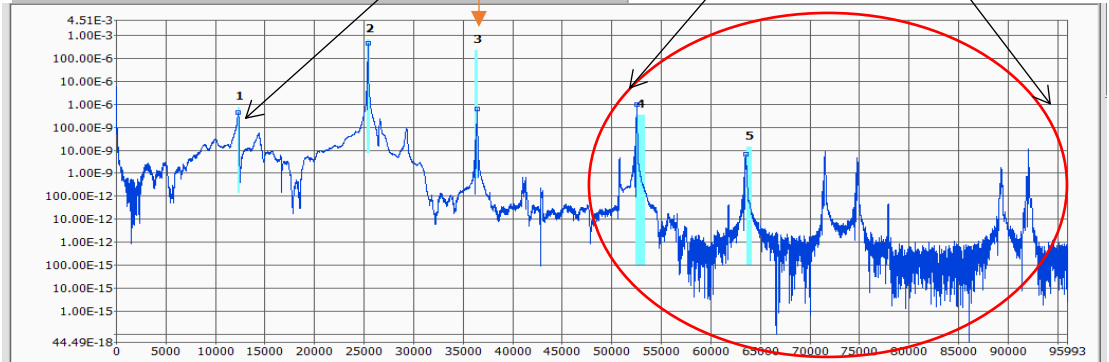
## The AMS Smart Test™ Analyzer:

- Increased Bandwidth from 50kHz to 96kHz
- Higher resolution - from 32k to 89k
- Better Signal-to-Noise Ratio (Quality Peaks)
- Better EMI Protection from 1kv to 5kv
- Nation Instrument State-of-the-art Analyzer



Higher Resolution = better quality peaks, better signal-to-noise ratio

Increased Bandwidth = more peaks  
And better ability to detect small flaws



**Superior waveform, increased bandwidth, reliable hardware, integrated Impact Hammer and process compensation, quality system outputs, best service and support**

Call us today and let us show you how we can improve your quality and productivity