

Letter from the CEO



2015 was a year of tremendous change in the medical device industry. Our customers have been developing new and uniquely different products, or products that combine existing technologies with new ones. These products required tests that were similar to but ultimately different from our traditional tests. Additional factors such as increased sample counts and test media analysis added new dimensions and required us to rethink our test approaches. To meet these needs, we developed several new test fixture designs and protocols. These included new designs for replicating in vivo bending on single and multi-conduit devices, high-specimen-count axial fatigue fixtures, and particulate capture and analysis.

In this and future newsletters, we plan to share these innovations with you as well as our R&D plans for continued improvement in the science of medical device testing. As I have enjoyed a testing career spanning almost four decades, I also plan to share some of my thoughts about the state of the testing industry and areas where I believe improvement can occur. I look forward to participating in this fast paced industry and the exciting technologies that will emerge in 2016!

- Kent Vilendrer, President/CEO



New White Paper on Acute Particulate Characterization

Medical Device Testing Services (MDT) has developed a way to ensure the particles of interest are collected effectively and analyzed independently, providing particle-specific information. [Click here](#) to read our web page and white paper outlining the custom-designed flow loop and absolute particle characterization methods. MDT uses a Scanning Electron Microscope (SEM) paired with Automated Feature Analysis (AFA) software to provide morphological and elemental data specific to each



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collected particle.

New Year Promotion

New Year offer! We are providing a **limited time discount on high speed inspections and orthopaedic fatigue tests** received between now and end of February 2016 ranging from **20% to 50% off**. High speed inspections and corrosion tests qualify for a 20% discount while ElectroPuls fatigue tester rental rates are discounted 50% off the first month's rental rate. Instron ElectroPuls systems have a loading capacity of 3000N which can be extended to 7500N with our load multiplication fixture and are **ideal for orthopaedic implant testing** applications. [Contact us](#) today to take advantage of this limited time promotion!

Free Consultations

Did you know that MDT offers **free consultations** to clients interested in testing services? [Contact us](#) today to discuss details about your products and testing protocols. Our **experienced engineers** can tackle even the most challenging projects and help you accelerate your product testing.

Stay Connected to Industry and Testing News

MDT, the leader in contract test services, provides regular industry and testing updates on several **social media** platforms and welcomes suggestions from and discussions with the medical device community. **Connect with us on [LinkedIn](#), [Twitter](#) and [Facebook](#)!**