

## PHYSICAL AND FUNCTIONAL TESTING

The Medical Device Group at Pace Analytical Life Sciences offers comprehensive analytical support to help medical device manufacturers establish the functionality and safety of their product. With a focus on the client, our lab has earned a reputation for delivering high quality data delivered on time.

Some of the physical and functional testing services that we offer include:

- **Instron Testing - Capable of measuring loads in the range of 2-1000lbs**
  - Mechanical testing of Packaging, Materials, Catheters, Patches, Drapes, etc.
  - Tensile
  - Elongation
  - Peel Adhesion
  - Seal strength
  - Tear
  - Compression
  - Loop Tack Testing
- **Imass SP-2000 Testing**
  - Peel Force
  - Release Force
- **Shear Testing**
- **Container Closure Integrity / Ingress Testing**
- **Static Decay Testing**
- **Motorized Micrometer**
- **Permeability Test – Oxygen, Water, and Organic Solvents**
- **Hardness testing**
- **Accelerated Aging / Shelf Life**



**Pace Analytical Life Sciences, LLC**  
Life Sciences / Oakdale, MN  
1311 Helmo Avenue North  
Oakdale, MN 55128  
Phone: (651) 738-2728  
Toll Free: (877) 952-1500  
[www.pacelifesciences.com](http://www.pacelifesciences.com)

For more information on our medical device testing capabilities or any of our pharmaceutical capabilities, please contact our Business Development group: (651)-738-2728.