

For the Media -- Background
Information on Sanderson MacLeod
and the Z-Tip
Sanderson MacLeod

March 25, 2010

About Sanderson MacLeod

- Sanderson MacLeod is a large volume contract manufacturer of twisted wire brushes and the only brush maker that specializes solely in twisted wire brushes.
- The company serves these industries: medical device, firearm, cosmetic and automotive and general cleaning.
- The company is based in Palmer, Massachusetts, USA, in a 137,000 square foot facility with a modern, FDA compliant Quality Control Laboratory.
- All manufacturing is done at this facility. Nothing is made offshore.
- The company employs 100 workers.
- Founded in 1958.
- Invented the twisted wire mascara brush.
- Ownership:
 - Privately owned by Eric Sanderson.
- Management:
 - President: James Pascale
 - Vice President Strategy & Development: Mark Borsari

About The Z-Tip

- Unique, patent pending, method of putting a protective tip on a twisted wire brush invented by and only available from Sanderson MacLeod
- Current applications: large contract manufacturing of endoscopy cleaning brushes and cytology brushes for the medical device industry.
- Employs material joining engineering. The patent pending process uses high energy fusion welding technologies to melt a pre-constructed core wire section of a twisted wire brush into a consistent, smooth and inseparable protective tip.
- Advantages of the Z-Tip over traditional protective brush tips:
 - It has a mirror-like surface and therefore won't scratch or scar.
 - It is made of one-piece construction, which means that the tip cannot fall off, the wire cannot protrude through the tip, and the entire brush is stronger and will not unravel.
 - It is manufactured in a fully automated inline process that makes the product economical to the buyer and ensures uniformity for every brush.
 - Because the Z-Tip brush is one metallurgic unit, there are no biocompatibility issues.
 - The manufacturing process is not petroleum-based.
 - It reduces internal inspection time and costs due to its quality and consistency.
 - Because it cannot scar, the Z-Tip enhances endoscope sterility by not allowing grooves that trap contaminants.
 - The Z-Tip is available for all commonly used twisted wire medical brush applications.

Contact Information:

Mark Borsari
Vice President Strategy & Development
Sanderson MacLeod, Inc.
1199 South Main Street
P.O. Box 50
Palmer, Massachusetts
01069-0050

mborsari@sandersonmacleod.com

866-522-3481

413-283-3481

www.ztipbrush.com

www.sandersonmacleod.com