

ElectroForce® Testing News

Testing Instruments for Materials Research and Medical Device Development

BOSE

Customer Connection Edition - November 13th, 2007

In this issue:

- [Pulse-on-a-Bend Upgrade for ElectroForce® SGT Instruments](#)
- [Custom Size and Shape Mock Arteries Now Available from Bose](#)
- [SGT Back-up Package to Improve Your Up-Time](#)

QuickLinks

- [Parts & Accessories](#)
- [Application Briefs](#)
- [Home Page](#)
- [Sales Offices](#)

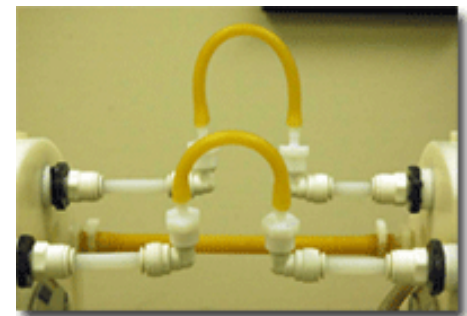
Pulse-on-a-Bend Upgrade for ElectroForce® SGT Instruments

Bose is pleased to introduce the Pulse on a Bend package to meet the latest durability test requirements for coronary stents. Recently, regulatory bodies such as the US FDA have been requesting that pulsatile durability tests be performed on a bent mock artery in addition to the traditional straight tube. The bend radius required is dependant upon the target device location in the coronary artery.

The Pulse on a Bend fixture allows the test engineer to set up a bent tube as a simple bench-top addition to your existing Bose 9110-12 Stent/Graft test instrument. Custom molded 180° bent tubes for small bend radii are also available.

The upgrade package incorporates the following features:

- The fixture mounts to an existing ElectroForce® 9110-12 SGT, and provides adjustable tube center-to-center distance from 15 mm to 40 mm (Contact Bose to discuss other sizes);
- An additional setup fixture allows the stent to be deployed in the mock artery over the desired radius and installed on the SGT without straining the stent;
- The design allows use of the ElectroForce 9110-12 laser system to monitor and control the mock artery distention.

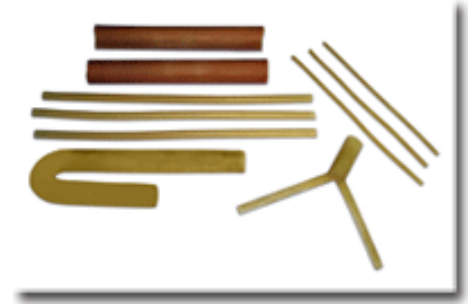


For more information or to request a quote, [click here](#).

Custom Size and Shape Mock Arteries Now Available from Bose

In addition to U-shaped tubes for pulse on a bend testing, Bose can provide timely design and delivery of latex mock arteries in custom sizes and shapes. We can fabricate latex mock arteries for a variety of coronary and peripheral applications, and you now have a source for bifurcated tubes and other irregular shapes as well.

Send us sketches of your mock artery needs and we will be happy to provide quotations for your various applications. [Click here](#) to contact us for more information.



SGT Back-up Package to Improve Your Up-Time

Eliminate downtime when a spare part is needed by purchasing an SGT Back-up Package. Due to growing customer demand to have spare parts on-hand, we have created a special package that will allow you to have the most common SGT spare parts at your fingertips. The spare items kit includes a bellows, pressure transducer, set of fittings, spare heater and the option to add an extra set of mock arteries.

Please [click here](#) to request a quotation.



Bose Corporation -- ElectroForce® Systems Group

10250 Valley View Road, Suite 113, Eden Prairie, Minnesota 55344 USA

Phone: 1-952-278-3070 • Fax: 1-952-278-3071

Toll Free: 1-866-834-TESTING (1-866-834-8464)

electroforce@bose.com

www.bose-electroforce.com



The Customer Connection edition of *ElectroForce® Testing News* provides periodic product and technical information to our customers. If you wish to be removed from our mailing list, please [click here](#).