

## Material compatibility study results for flexible endoscope

Tuttnauer LTD and EndoMobil GmbH have successfully completed a study in material compatibility and functionality on the following devices in the Tuttnauer **PlazMax** low temperature sterilization system:

- **Olympus** BF-Q180 Broncho Video Scope
- **Pentax** EB-1575K Video Bronchoscope
- **STORZ** 11001BN1 Broncho Fiberscope

The goal of the study was to determine if any damage occurred to the endoscopes as a result of repeatable processing in the PlazMax sterilizer. All endoscopes were checked in accordance with manufacturer requirements. All three flexible endoscopes were **fully functional and found to have no discoloration or changes in appearance whatsoever** upon completion of **120** PlazMax endoscope sterilization cycles. Furthermore, these 120 cycles did not affect the intended use of the endoscopes in any way.


Each endoscope was tested for damage by EndoMobil's highly-skilled technicians according to manufactures instructors.

**The material compatibility study determined that the endoscopes can withstand at least 120 sterilization cycles with PlazMax with no significant external impact (to materials) or internal impact (to functionality) of the devices.**

The Olympus, Pentax and STORZ endoscopes used in this study together represent a wide-ranging group of endoscopes on the market.

EndoMobil GmbH  
Thorsten Peters

Chief Executive Officer



13 May 2014

Name

Title

Signature

Date

### **EndoMobil is one of the leading independent endoscope laboratories in Europe**

EndoMobil repairs about 5,000 endoscopes per year from the following countries Germany, Switzerland, France, Norway, Denmark, Poland, Austria, Spain, Belgium and Holland.

EndoMobil is EN ISO 13485:2012 certified and a highly-skilled state-of-the-art German laboratory that maintains and repairs endoscopes and other medical equipment. With 40 highly professional employees and certified technicians EndoMobil provides an efficient premium service at the company's laboratory. EndoMobil's ability to conduct complex urgent on-site repairs has become a highly valuable service for the medical community.