



## Functionality Control (Calibration, Adjusting, and Maintenance) Report

Report Number: 373.10.08.20.3

Page 1

Customer: ECOSTAT SRL

Manufacturer: UMB MÜH. PRO. MAK. İNŞ. ÇEV. VE TIB. CİH. İM.  
SAN. İÇ VE DIŞ TIC. LTD. ŞTİ.

Machine: ARI-550 Type Medical Waste Sterilization Machine

Serial Number: ARI-550.007

### 1- MAINTENANCE AND ADJUSTMENTS

#### Observations & Actions:

- Steam discharge was slow from sterilization vessel.  
Action: Steam filters cleaned, and the Teflon seals are changed. Steam discharge turn into normal value.
- Elevator bearings was noisy.  
Action: All the bearings are replaced.
- Silicon seals of doors was deformed.  
Action: Both top and bottom doors seals are replaced.
- Steam generator's temperature sensor had deviations from the real temperature.  
Action: Temperature sensor is replaced with new one. Other one sent for calibration to an accredited laboratory.

### 2- CALIBRATION

After maintenance and adjustments of the ARI-550.007 serial number equipment 4 tests are carried out with bio-indicators. At 2.2 bar pressure, and 134 °C temperature. These are

{ 1 Cycle Empty Test  
1 Cycle Half Load Test  
2 Cycles Full Load Test } : After these tests all the bio – indicators turn into purple color  
**which is proof of 6log10 (%99.999999)sterilization level.**

Signature:

**UMB Mühendislik**  
Pro.Mak.İnş.Çev.ve Tıb.Cih.  
İml.San.İç ve Dış Tic.Ltd.Şti.  
Yıldırım Beyazıt Mah.Tahtalı Cami Sk. No:67/1 Edirne  
Tel : + 90 532 135 78 12 Fax: + 90 284 999 17 02  
Kirkpinar V.D. No:8920297315 Mersis No: 0692029731500017  
*Ulaş KAYA*

Ulaş KAYA  
Service Engineer

This Report may only be reproduced in full, except with the prior written permission by the issuing Company.