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**WORK INSTRUCTION FOR STERILIZATION
TREATMENT PRODUCT****Document No.:** SIS-WI-OPE-511**Revision:** 00**Issue date:** 17 Jun 2013**Effective date:** 20 Jun 2013

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4.1 Sterilizer No. K and L (without preconditioning)

| Parameter | Tolerances | Setting |
|---|---------------|---------|
| Chamber setting temperature. Temp.1 (°C) | 45 - 55 | 50 |
| Initial Evacuation | | |
| Pre-vacuum level (kPa (abs)) (Evacuum process 1) | 3.0 - 13.0 | 8.0 |
| Pre-vacuum time (min) | ≤ 60 | - |
| Humidification | | |
| Humidity at finish time (%RH) | ≥ 30 | 45 |
| Humidification time (min) | For reference | 30 |
| Pressure on humidification at finish time (kPa (abs)) | For reference | - |
| Gas Injection | | |
| Sterilant injection time (min) | < 75 | - |
| Exposure | | |
| Gas pressure at start point of exposure period.(kPa (abs)) | 115.0 - 125.0 | 120.0 |
| Gas pressure at finish point of exposure period.(kPa (abs)) | 111.0 - 125.0 | - |
| Temperature at 30 min.from start point of exposure period, Temp. 1 (°C) | 45 - 55 | 50 |
| Temperature at finish point of exposure period, Temp. 1 (°C) | 45 - 55 | 50 |
| Exposure time (min) for Medvance PTS and Dressing | 295 - 305 | 300 |
| Exposure time (min) for Medvance Dressing | 235 - 245 | 240 |
| Exposure time (min) for Datamars, Thecna and other customer | 235 - 245 | 240 |
| Exhaust | | |
| Sterilant removal time (min) | ≤ 15 | - |
| Aeration in chamber | | |
| 1st vacuum level (kPa (abs)) | 3.0 - 13.0 | 8.0 |
| 1st vacuum time (min) | ≤ 60 | - |
| 1st Air admission time (min) | ≤ 15 | - |
| 2nd vacuum level (kPa (abs)) | 3.0 - 13.0 | 8.0 |
| 2nd vacuum time (min) | ≤ 60 | - |
| 2nd Air admission time (min) | ≤ 15 | - |
| 3rd vacuum level (kPa (abs)) | 3.0 - 13.0 | 8.0 |
| 3rd vacuum time (min) | ≤ 60 | - |
| 3rd Air admission time (min) | ≤ 15 | - |
| Total flushing times (times) | 3 | 3 |
| Ethylene oxide gas | | |
| The gas ethylene oxide mixture using (EtO %) | 28 - 32 | 30 |
| Gas concentration in chamber (mg/l) | 500 - 800 | - |
| Gas concentration in chamber, weight loss of the sterilant supply (mg/l) | 500 - 800 | - |

5. The ethylene oxide mixture using:

~ 30% (± 2%) ethylene oxide gas mixed with 70% (± 2%) carbon dioxide gas

แก๊สที่ใช้ในการฆ่าเชื้อคือ ETO 30% (±2%) ผสมกับคาร์บอนไดออกไซด์ 70% (±2%)