

**INTERSURGICAL SUMMARY TEST REPORT****TESTING OF Hydro-Trach T Mk II HME REF 1873000S**

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**Objective**

Testing of air resistance, gauging and oxygen concentration for components 1873000 after 1 x ETO.

**Summary and Conclusions**

Components 1873000S can be suitable for production

**Traceability Data**

Product Code: 1873000S

Materials and manufacturing information: refer to the manufacturing records for the order number relating to this LOT.

**Method – general**

Ambient temperature: 24°C

Quantity tested: 10 units

**Results**1. Resistance to air flow

Standard requirement: the leakage must not exceed 1 mBar at flow 60 L/min.

Resistance to air flow conform to requirements. Average resistance is 1.0 mBar

	Resistance to air flow, <1 mBar at flow 60L/min
	After 1xETO
Average	0.8

2. Taper dimensions

All tapers conform to requirements

	15F, mm
	After 1xETO
Average	9.25 M

3. Oxygen Concentration3.1. Oxygen concentration at 15-cycles/min breathing

	Oxygen Delivery (L/min)									
	1	2	3	4	5	6	7	8	9	10
Average	26.9	31.6	36.0	39.0	42.2	45.1	48.0	50.3	53.1	55.7

### 3.2 Oxygen concentration at 25-cycles/min breathing

	Oxygen Delivery (L/min)									
	1	2	3	4	5	6	7	8	9	10
Average	24.6	27.8	30.8	33.2	35.2	37.1	39.0	40.8	42.6	44.4

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