**SUPPLEMENTAL TABLE 1.** **Relative tidal volumes achieved at frequency 5, 10 and 15 Hz.** For the devices tested at an I:E ratio of 1:2, VT for each device is expressed relative to the VT generated by the SM3100A at that frequency. For the SLE5000 (which only operates at I:E ratio 1:1), VT is expressed relative to the SM3100B data at 1:1 I:E ratio.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1:2 I:E Ratio** | | | | | | | **1:1 I:E Ratio** | | |
| **Frequency** | **SM3100A** | **SM3100B** | **VN500** | **BL8000** | **fabian** | **Leoni Plus** | **Sophie** | **SM3100B** | **SLE5000** |
| **5 Hz** | 100.0% | 75.0% | 100.5% | 61.9% | 103.2% | 88.0% | 91.5% | 100.0% | 121.4% |
| **10 Hz** | 100.0% | 85.8% | 83.2% | 49.7% | 93.0% | 79.6% | 83.1% | 100.0% | 111.5% |
| **15 Hz** | 100.0% | 91.0% | 67.7% | 45.4% | 96.2% | 78.5% | 88.6% | 100.0% | 145.1% |