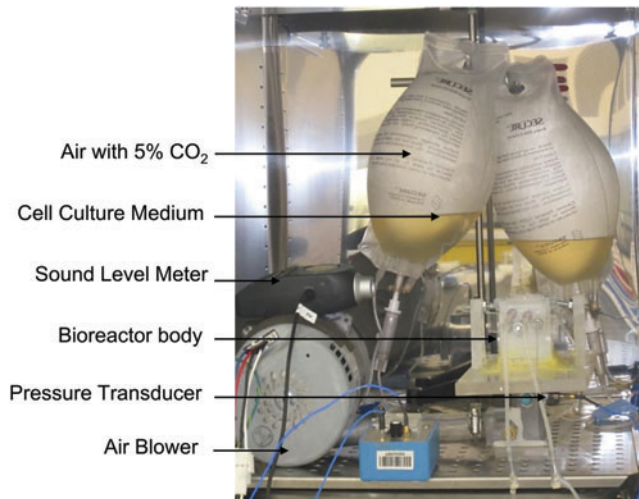


Supplementary Data



SUPPLEMENTARY FIG. S1. Picture of the bioreactor system during phonation. The bioreactor system consists of the bioreactor body mounted on a Plexiglas base connected to an air blower, a pressure transducer, and a sound level meter, which are housed in a tissue culture incubator. The commercial incubator was used to maintain a temperature of 37°C and a relative humidity of around 95%.