## Indium nitrite (InN)-based ultrasensitive and selective ammonia sensor using an external silicone oil filter for medical application

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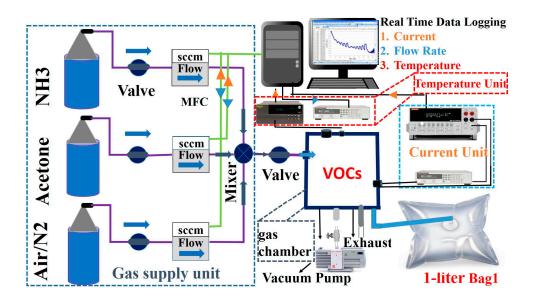
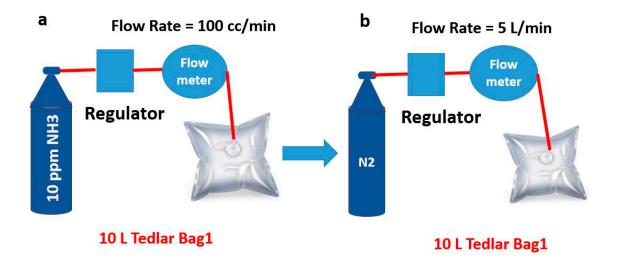


Figure S1. Acetone gas sampling in 1-liter bag1 by using gas chamber system.



**Figure S2.** (a) Sampling of 0.4 ppm ammonia gas in 10-liter of Tedlar bag1 (b) N2 dilution system.

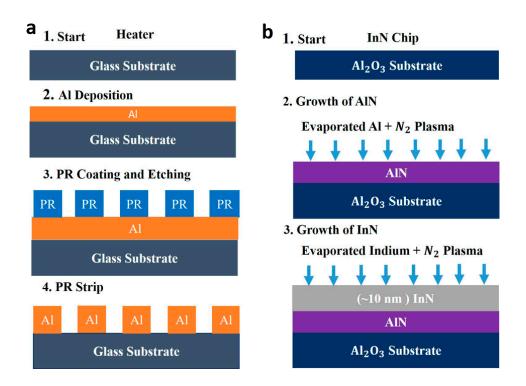


Figure S3. (a) Fabrication process of heater (b) Fabrication process of InN Epilayer.