

Polypyrrole–Tungsten Oxide Nanocomposite Fabrication through Laser-Based Techniques for an Ammonia Sensor: Achieving Room Temperature Operation

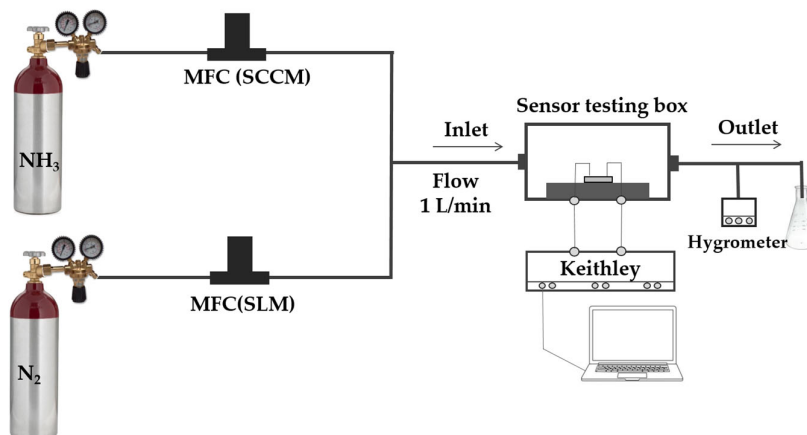


Figure S1. Sketch of the sensor testing setup. MFC = Mass Flow Controller; SLM = Standard Liter per Minute; SCCM = Standard Cubic Centimeter per Minute.

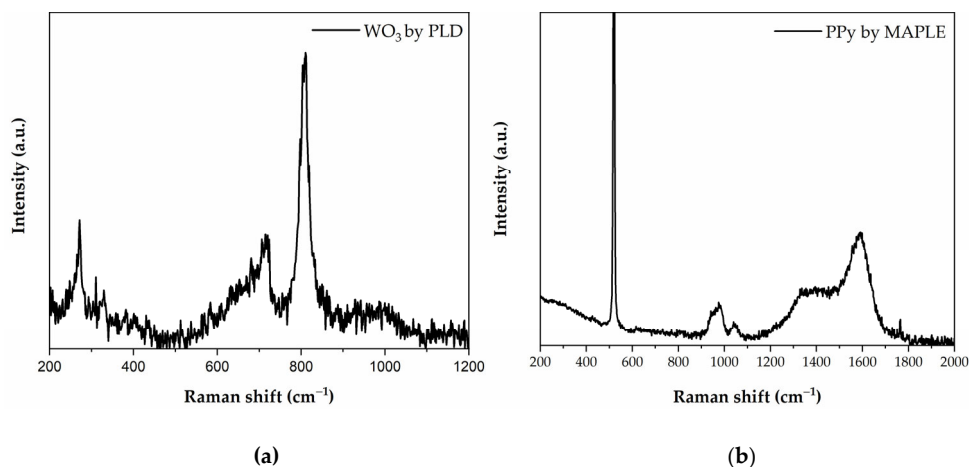


Figure S2. (a) Raman spectra of WO₃ sensing layer obtained by PLD. (b) Raman spectra of a PPy sensing layer obtained by MAPLE.

Table S1. Contact angle measurements carried out on the active layers obtained by laser-methods.

Layer	m1	m2	m3	m4	m5	Average
WO ₃ by PLD	41.38	41.61	41.82	45.26	45.68	43.15
PPy by MAPLE	47.42	47.44	47.41	47.55	47.57	47.45
WO ₃ /PPy	63.67	66.12	63.61	63.82	67.42	64.92