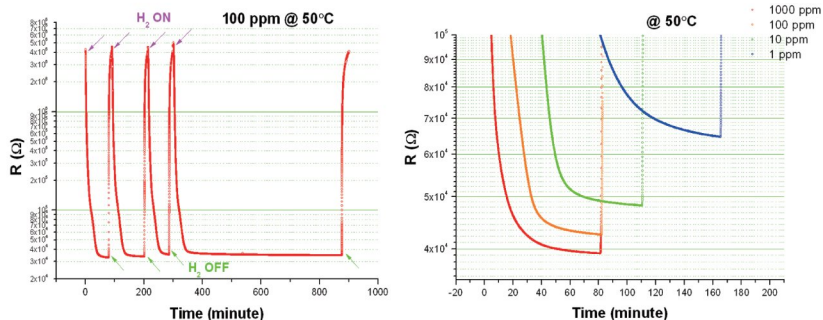


# MICRO PROBE SYSTEM

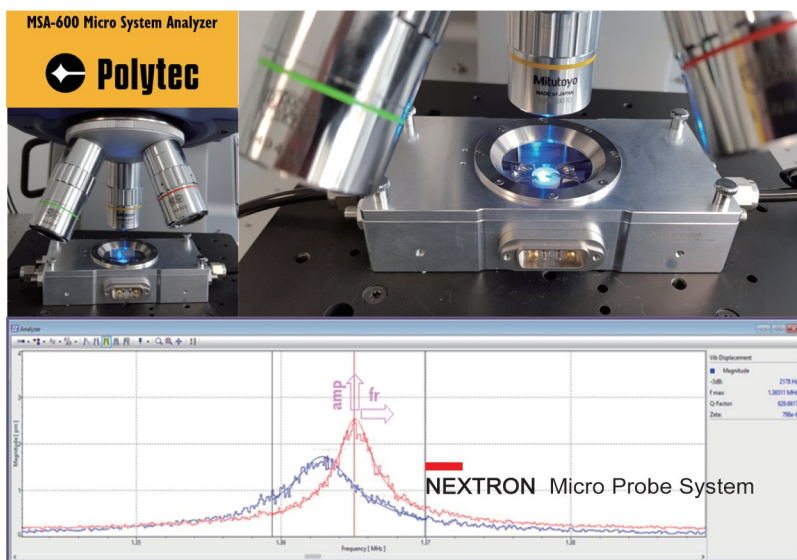
## APPLICATIONS

### Resistive gas sensor characterization

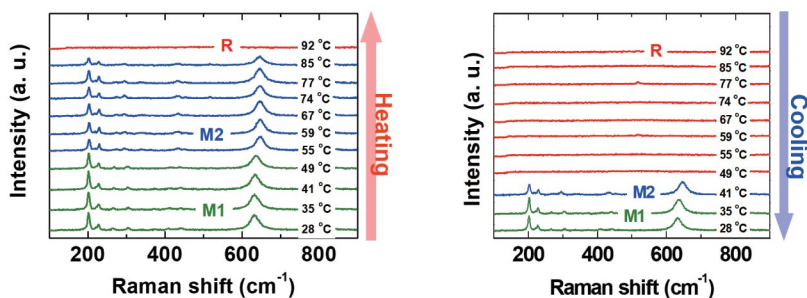


Measured while purging hydrogen and nitrogen mixed gas without using vacuum pump  
 Sample: Palladium coated Zinc oxide( $ZnO/Al_2O_3$ ) nanowire for hydrogen gas sensing

### Thermal resonant frequency measurement



### Raman spectrometry



Vanadium dioxide( $VO_2$ ) nanowire  
 Study of phase transition by temperature