

5500 Fixed Gas Analyzer is a plug & play analytical instrument for 6200 and 5200 HPR Pyroprobe. It functions as a compact GC to analyze fixed gases, such as H_2 , CO , CO_2 , CH_4 , H_2O , C_2H_2 , C_2H_4 that are produced when a polymer is pyrolyzed.

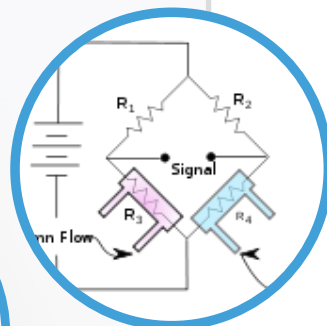


Thermal Conductivity Detector (TCD)

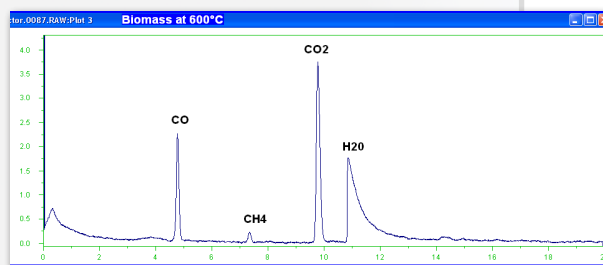
Large 4" Touch Screen



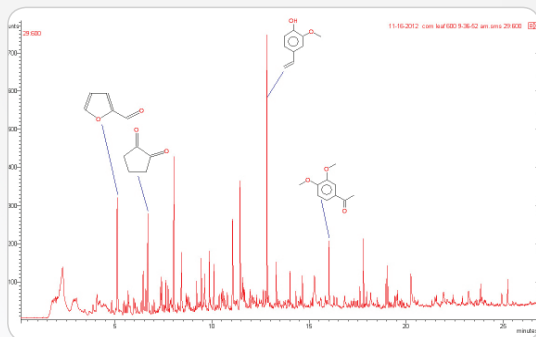
Easy Connection to Pyroprobe



TCD Detector with 10 ppm level sensitivity



5500 Chromatography Software Interface



Corn Leaf Biomass Pyrolysis
Pyrolysis Temp: 700 °C
Pyrogram on the left
Fixed gas chromatogram on the top

Technical Specifications:

5500 Fixed Gas Analyzer	
Detector Type	Two cell hotwire with switchable polarity
GC Oven	Up to 350 °C
Sample Loop (mL)	50
Dimensions (W x H x D in cm):	33 x 28 x 43