

Fig. 6. Data acquisition program when it starts.

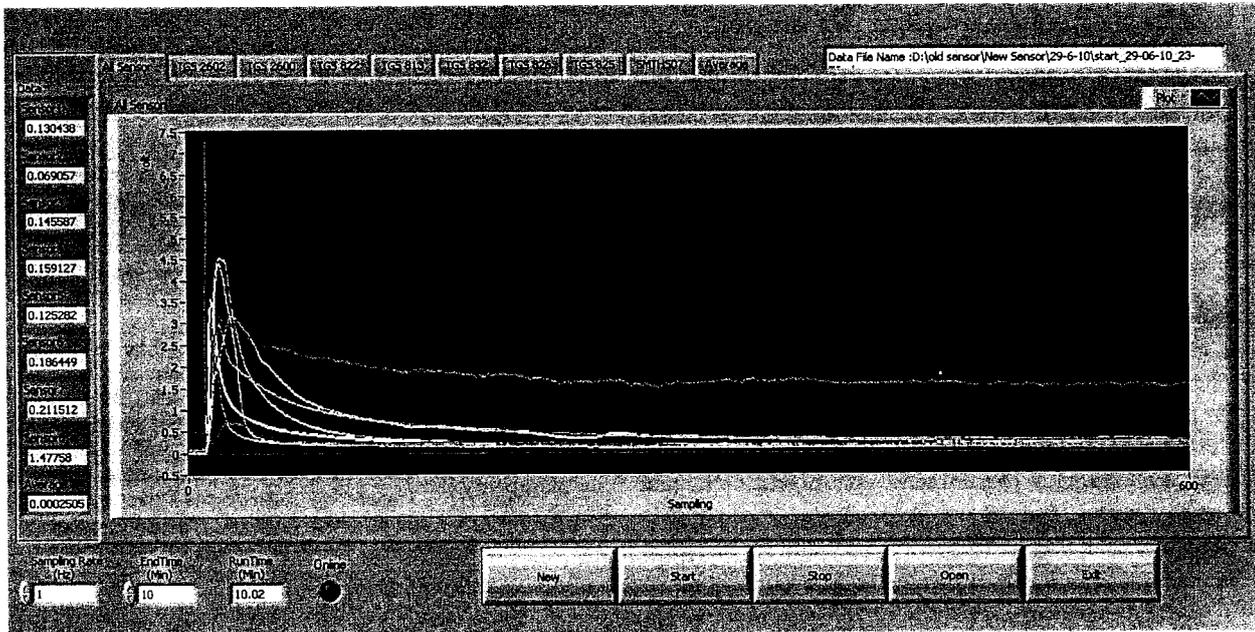


Fig. 7. Data acquisition program when electronic nose operates.

TABLE II: THE VOLTAGE OUTPUT EACH SENSOR IN THE TERM OF DIFFERENT COMPOUND QUANTITY

Sensor	mV	1mg/m <sup>3</sup> (mV)	10mg/m <sup>3</sup> (mV)	0.1g/m <sup>3</sup> (mV)	1g/m <sup>3</sup> (mV)
2620	303	385	732	1651	3509
2602	104	166	278	666	1646
2442	604	901	1297	2235	3499
832	119	150	211	415	2069

TABLE III: THE SYSTEM OPERATION

Compounds	Warning Time (sec)	Alarm Time (sec)	Warning Sensor	Alarm Sensor
Methanol	230	332	2620	2620
n-Propanol	168	228	2620	2620
Hexane	117	155	2602	2602
Dichloromethane	125	582	2602	2602