AIM User Manual (for APEX version)

1. Quick Install.



2. Start the browser form your PC and open the KHG and APEX operation screen at same time.

| System Setup | ~ | | |
|---|---|--|--|
| Auto mode : 1 Check interval (Min): 120 | | SYSTEMS | Because it's all about |
| No_SW_ERR : 190 Err Range (dKH): 0.50 | | Dashboard Graphs Data log Seaso | n table Configuration XML Help |
| Err Try : 2 Last KH (dKH): 7.27 ADJ KH (dKH): -0.60 Enable KH Auto: 1 | | | <u>PEX</u> |
| KH auto correction: 7.20 ML O: 35 | | 25.7 Temp-0A | 8.27 pH |
| Total volume (L): 160 SYS_Sound : 1 PORT : 8090 | | 25.3 | 8.28 |
| Timezone : 8 Enable NTP : 1 | | 7.41 | 3.4 |
| NTP Server : pool.ntp.org MAC : 70:B3:D5:77:90:BF S/N : 08C688A0003 | | 7.23 | Amp_3 3.4 |
| SAVE | | 7/12 | |
| AIM Calibration : | | | OFF AUTO ON OFF AUTO ON |
| S.4 S.7 S.10 | | المحتوم ال ومصل المحتوم المح ومصل المحتوم المحتوم المحتوم المحتوم المحتوم المحتوم محتوم المحتوم المحتوم المحتوم المحتوم المحتوم المحتوم المحتوم المحتو | TEL_AIM OFF SIDAIM_IG OFF OFF AUTO ON |
| Network Setup : | | 35.6 | |
| IP : 192 168 1 120 Submask : 255 255 255 0 | 1 | MP10W MPW±0_100 OFF AUTO ON Vortech_5_1 E_POWER OFF AUTO ON | Food_3_5 ON Sw1: Open Sw2: Open |
| Gateway : 192 168 1 1 DHCP : OEnable Obisable | | PH_Control OFF AUTO ON GREEN OFF AUTO ON | EmailAlm_I5 OFF Sw3: Open Sw4: Open |
| Save Network | | VarSpd4_14 PF4 VarSpd2_12 ON VarSpd2_12 OFF AUTO ON | 上午11:41:51 Sw5: Closed Sw6: Open 2017/3/21 |

3. Click Probe/Input Setup form APEX configuration.



4. Select item of PM1 module.



5. Click the Calibrate button

| Probe/Input Setup | | | | | |
|---------------------------|-------------------|--|--|--|--|
| Probe/Input: ALK - pHx10 | | | | | |
| Probe enable | Cenabled Disabled | | | | |
| Probe name | ALK | | | | |
| Temperature compensation | Enabled Disabled | | | | |
| Offset | -40 | | | | |
| Scale | 1.045 | | | | |
| Calibrate | | | | | |
| Update Settings | | | | | |
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6. Click the AIM Calibration S.7 button from KHG system Setup screen, in this time KHG will send out the simulation pH7 voltage to APEX PM1 for 30 second. and same time can see the countdown in the KHG LCD screen and make B....B....B sound .



 Note that the value of setting value in the lower left corner of APEX prompt dialog, it will begin to change, after about 10 seconds it will be stable, the approximate number is between 720 to 740 nearby.

After that, Within 30 seconds press NEXT button.

| Calibrate ALK | | | | |
|--|--|--|--|--|
| Select low pH calibration solution: 7.00 | | | | |
| Place pH probe in calibration solution and wait for number at of bottom of this window to settle. Then press the Next bracon Next | | | | |

After 30 seconds later KHG will returns to the standby



8. Click the AIM Calibration S.10 button from KHG system Setup screen, in this time KHG will send out the simulation pH10 voltage to APEX PM1 for 30 second. and same time can see the countdown in the KHG LCD screen and make B....B....B sound.



Note that the value of setting value in the lower left corner of APEX it will begin to change, After about 10 seconds it will be stable, the approximate number is between 1020 to 1040 nearby.

After that, Within 30 seconds press Finish button.

9. press Update settings to complete the calibration procedure.

| Probe/Input Setup | | | | |
|---------------------------|--------------------|--|--|--|
| Probe/Input: ALK - pHx10 | | | | |
| Probe enable | Enabled Disabled | | | |
| Probe name | ALK | | | |
| Temperature compensation | ●Enabled ●Disabled | | | |
| Offset | -40 | | | |
| Scale | 1.045 | | | |
| Calibrate | | | | |
| Update Settings | | | | |
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10. After 30 seconds later KHG will returns to the standby



screen.