Subject: Re: Tek Ox problem Slow response (2)

Date: Tue. 20 Jul 2010 09:02:00 +0100

Linked to: William Pan

From : "williampan" < william.pan@justec.cn> (By way of info@viamed.co.uk)

To : JSLAMB (John Lamb) < GoldMine User>

Dear John,

We have checked this problem in our side. It was caused by the code download. Our people have maden a mistake during download the code. One of the settting on the PC software is wrong, which should be "RC oscillator off", but our people set it to "RC oscillator on", refer to the picture attached, so the the MCU will run with the inside RC oscillator which is slower than outside osillator. We have downloaded all devices in several days, maybe only one day's download has problem, so you will find some devices are ok but some not.

The best way to solve this problem is that you download the code again in your office. I am sorry to cause this problem. We have added quality control process to avoid such thing happen again.

Best Regards,

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Hi William

I have tested all 100 and the problem is much bigger than I anticipated.

I have 63 showing the problem and possibly another two which I passed early on before I realised the true result of the problem

This eaves me with a very big problem

I have ordered 50 for Weldworld.

I will have to return these 63 to you

I need another 75 or 100 normal Tek-ox as soon as possible as we are in the main diving season.

The fault is not apparent at first but if you watch when you switch on it takes several seconds for the software number to appear several more seconds for it to disappear. The reading then slowly appears.

It seems as though everything is working ok but running very slowly. Derek is on vacation next week so I cannot play around with

software until he returns. Is there anything in the software which could slow it down.	
As an electronics engineer I also suspect the crystal. However as you know I am not well up on this	type of circuit.
Let me know what you think	
Kind regards	
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