## **Testing USB to Serial connection**

NOTE: TechniCAL does not support the use of a USB to Serial Adapter. However, the following instructions should help to establish a CALSoft 5 connection to CALPlex if you chose to use a USB to Serial Port Adapter.

- 1. Connect CALPlex to your computer and make sure the CALPlex is powered on.
- 2. Launch CALSoft 5 and go to the Preferences selection on the main form

CALSoft						- 8 X
CALSoft-Home						
				L		
		GAL	_201			
	Collect E	lata	a Evalu		Deviations	
					<b>B</b>	
	Heat Penetration T	emperature Distribution	Set a Process	Set a CUT/V	ent Deviation	
	🗋 New 📴 Open 📗	Quick Ball 🗔 Edit	t Recent Proce	sses		
	A PROCAL # HP Process Se	t Processor Pro	oduct Contai	er Cont Dime	nsions Retort	
	1. 4834 5/20/2010 11:34:07 AM				Horizontal- Steam/Air	
	2. 4832	Del Monte Foods Tu Ch	mip Greens opped 3/8" Can-Sil	gan 300x407	Horizontal- Steam-Retort #16	
	3. 4830 5/18/2010 4:44:32 PM		HST-M Descrip	y iion 300×201	Pasteurizer Tunnel- Hot Water Cascade	
	4. 4831 5/18/2010 4:51:59 PM				Horizontal-Steam	
	5. 4833 5/20/2010 11:05:50 AM				Horizontal-Steam	
	Current Database Location:C:\sour	e\CALSoft\CALSoft\CALSoft	5\CALSoft\CALSoft\bin\x8	6\Debug\Data\ProCAL5	mdb	
	CALSoft Help 🕆	Customize	* Technical Su	pport 🛠	CALSoft Utilities	
	Search for Help On	Preferences	Technical Supp	ort Request Form	Email CALSoft File	
	CALSoft Overview	Create CritiCAL Template	CALPlex Diagr	ostic Report	Check for Update	
	Moode CAESOIT	Create Calibration File	CALSOIC SUPP	at website	oninskal CALSUIT	

3. From the Preferences form select the Collect Tab. Then select the Detect button. This should recognize the CALPlex box. If it does not please set the COM Port value to 1 and then select the Detect, if that does not detect change the COM Port text box to 2 and attempt to detect continue with this until you have reached 10.

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CALSoft Setup Collect	COM Port 2 Detect Beep During Data Collection?
Process Factors Plotting Printing	Delay the Start of Data Delay Time 00:00:00
User Info Special Information Labels	Default Ref Temp for Calibration 121.11
	Log Entries Labels
	Log 01 MIG Log 04 FLOW RATE
	Log 02 CHART Log 05
	Log 03 PRESSURE Log 06
	Log Entry Reminder
	Reminder to Add Log Entries during Data Collection? Log Entry Reminder Interval
	OK

4. Advanced Suggestion--- If the system still will not connect launch Control Panel |System go to the Hardware Tab and select the Device Manager button. Go to the Ports (COM & LPT)

🚇 Device Manager	
File Action View Help	
Bluetooth Devices     Computer     Computer     Disk drives     Dislay adapters     Dislay adapters	
PCMCIA adapters     Ports (COM & LPT)     Ports (COM & LPT)     Ports (COM3)     Communications Port (COM1)     ECP Printer Port (LPT1)     Processors	

If your Communications Port is higher than 4 select the Communications Port item and select the Right Click go to Properties. Select the Advanced button and then Change to COM 1 through COM 4 or as low a COM # as possible.

Communications Port (COM1) Properties	
General Port Settings Driver Details Resources	
Bits per second: 9600	
Data bits: 8	
Parity: None	
Stop bits: 1	
Flow control: None	Advanced Settings for COM1
Advanced Restore Defaults	Use FIFD buffers (requires 16550 compatible UART) OK Select lower settings to correct connection problems. Cance Select higher settings for faster performance.
	Receive Buffer: Low (1) Default
	Transmit Buffer: Low (1) 🗍 High (16) (16)
OK Cancel	COM Port Number: COM1

5. Now return to step 3 and enter the port # in the box, then click 'Detect". CALSoft should detect the CALPlex datalogger on the COM Port you entered.