**TracerDAQ** 

## DAQ Hardware settings

- Optimum: +/- 2V. If there is more voltage, then are the resolution of the fluctuation bad.
- You can change the time-range in the program TracerDAQ

## Software settings

- Select Strip Chart
- Push Run

Strip Chart Oscilloscope Function Generator Rate Generator	Strip Chart Use the Strip Chart to log and graph values acquired from analog inputs, temperature inputs, digital inputs, or counter inputs
	Run Exit

- You can change the range under: Edit  $\rightarrow$  Scan Rate/Trigger Settings
- Push OK

<u>/ !</u>

The memory will be very fast full for high scan ranges!

Last update:	2016/12/13
12:50	

igger Select	Settings			
None Internal External Time Interval	Scan Rate Scan rate (Hz) 0,01			
	Acquire data for			
	Days Hours Minutes Seconds			
	36 🜩 8 🜩 50 🜩 20 🌩			
	OK Canc			
Acquire data at 0,01 Hz fo This equals 31422 sample	r 36 days, 8 hours, 50 minutes and 20 seconds. s per channel.			

- You have to set the DAQ Range/Mode (=Input Voltage) to the right value!
- In this window, you can see the error messages, like not connected!

V	DAQ Hardware Set	tings		8 2	
- 11	Dag channels	HW Trigger			
	Channel	DAQ Device	DAQ Channel	DAQ Range/Wode *	
	CHANNELO	Dev0 US8-1608FS	* A10	* */-10V	
	CHANNEL1	Dev0 US8-1608FS	* A11	* +/-10V	
	CHANNEL2	Dev0 US8-1606FS	A12	▼ +/-2V	
	V CHANNEL 3	Dev0 US8-1608FS	A13	▼ +/-2V	
A	CHANNEL4	Dev0 US8-1606FS	¥ A14	▼ +/-2V	
-	VCHANNELS	Dev0 US8-1608FS	A15	<ul> <li>+/-10V</li> </ul>	
	1/*CHANNEL6	Dev0 US8-1608FS	* A16	• +/-2V	
		DAQ Selection Filter			
	1/ SELECT	All Supported	*		
				OK Cancel	1 1

• Push Play/Start



## Channels on RedLab-Card:

- 0: R1 Inner T OOL
- 1: R2 Inner T OOL
- 2: R1 PDH Out
- 3: R1 Intens Out
- 4: R2 PDH Out
- 5: R2 Intens Out
- 6: R1 Vacuum
- 7: ECDL

From: https://iqwiki.iqo.uni-hannover.de/ - IQwiki

Permanent link: https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:tracerdaq&rev=1481633404



