



File Name: C:\ChromWave\Data Directory\Demo\1000 mV Step Linearity.vp
 File Status: Active, File Version: 1, Index Adjustment: none
 User: Administrator, Notebook Reference: (none specified), Instrument: (none specified)

ChromWave Version 3.1.0

KEY: Serial Number: 0903029300 Calibrated: Feb 22, 2005 Certification Number: 00081
 Notebook Reference: ADIVP/CAL/005, p. 52 Waveform Number: 4 (1000 points)
 Voltage Range: 0 to 1000 mV, Rate: 5.0 Hz, Resolution: 0.0570 mV
 Theoretical Run Time based on KEY points and frequency: 3.3333 minutes.

TEST: File Name: C:\ChromWave\Data Directory\Demo\1000 mV Step Linearity.vp (3217 points)
 File Status: Active, File Version: 1, Index Adjustment: none
 User: Administrator, Notebook Reference: (none specified), Instrument: (none specified)

ERROR: Fencepost(s) are not aligned!
 First order linear least squares fit of TEST steps (dependent) against KEY steps (independent).

Linear least squares results ($y = ax + b$)
 $a = 1.0036$, $b = -0.5928$, $r = 1.0000$
 Gain Error: 0.3637%
 Linearity Error: 0.0067%

KEY (mV)	TEST (mV)	KEY (mV)	TEST (mV)	KEY (mV)	TEST (mV)
-0.0140	-0.5707	330.9444	331.5322	662.5211	664.3452
16.3157	15.7979	347.5691	348.2422	678.8503	680.7157
32.6379	32.2041	363.8957	364.6067	695.8837	697.8154
48.9677	48.5636	381.0641	381.8674	712.2021	714.1732
65.8425	65.5159	397.3901	398.2320	728.9280	730.9875
82.1755	81.8740	413.9014	414.8144	745.2554	747.3427

98.7371	98.5281	430.2256	431.1766	762.6524	764.8200
115.0687	114.8923	447.2889	448.3229	778.9708	781.1761
132.1767	132.0791	463.6136	464.6748	795.3757	797.6668
148.4995	148.4507	480.3637	481.5188	812.3475	814.7247
164.9420	164.9712	496.6948	497.8761	828.6761	831.0911
181.2642	181.3290	513.7531	515.0039	845.3229	847.8324
198.2638	198.4100	530.0899	531.3662	861.6528	864.2006
214.5936	214.7682	546.4313	547.8060	878.8563	881.4949
231.2788	231.5396	563.3335	564.7872	895.1830	897.8553
247.6174	247.9076	579.6749	581.1520	911.7083	914.4968
264.9750	265.3290	596.2651	597.8368	928.0375	930.8365
281.3501	281.7950	612.5866	614.1910	945.1321	948.0171
297.6742	298.1624	629.7341	631.4255	961.4569	964.3778
314.6185	315.1710	646.0576	647.7842	978.2415	981.2596

HISTORY INFORMATION

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Created: Feb 13, 2006 04:24:18 PM by Administrator (User ID = 1)

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