



INSTRUMENT PROCESSING SHEET

Agency Palm Bay PDS/N 80-001265

Florida Department of Law Enforcement

Date In 2/2/2018DI Completion Date 2/13/18 Ship P/U H/D CMI EE

Intake Performed By <u>JB</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: <u>1. One of the knobs that the keyboard wire wraps around is broken.</u> <u>2. See note shipped.</u>	Quality Checks Performed By <u>SP</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>177</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.144</u> (.139 - .169) 36 mm <u>.167</u> (.156 - .190) 53 mm <u>.238</u> (.228 - .278) 103 mm <u>.496</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>286602</u> <input checked="" type="checkbox"/> Stability Checks	Flow Calibration Performed By _____ Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																																											
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Notes/Suggested Service: <u>Performed cal adjustment to bring values closer to Nominal. SP</u> <u>Performed additional stability checks to ensure no further issues with the DGS. SP</u>	Attachments <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Post-Stability Checks <input checked="" type="checkbox"/> Stability Checks <input type="checkbox"/> Flow Calibration <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Form 40 <input checked="" type="checkbox"/> Calibration Adjustment <input checked="" type="checkbox"/> Other <u>0.08 DGS stability checks</u>																																																												
<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use		Tech Review / Date <u>SPM 2/13/18</u> Admin Review / Date <u>JJ Graham 2/13/18</u>																																																											

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PALM BAY P.D.
Time of Inspection: 13:06

Date of Inspection: 02/13/2018

Serial Number: 80-001265
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG708807 Exp: 03/29/2019
0.000	0.049	0.081	0.199	0.087 / 0.081
0.000	0.049	0.082	0.201	0.085 / 0.081
0.000	0.050	0.082	0.202	0.084 / 0.081
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0.000	0.050	0.082	0.201	0.081 / 0.081
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0.000	0.050	0.082	0.201	0.081 / 0.081
0.000	0.049	0.082	0.202	0.081 / 0.081
Standard Deviations	0.0005	0.0003	0.0009	0.0021 / 0.0000

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

08: Control Outside Tolerance.- CHANGED CYLINDER & RETESTED

Lot # AG715202
Exp. 6-1-19 SP

RJM

The above instrument complies () does not comply () with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt

SHAYLA D PLATT

Signature and Printed Name

02/13/2018
Date

2/13/18
JD

Stability Checks # 80-001265

PALM BAY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001265
 02/06/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:42
Control Test	0.050	11:43
Air Blank	0.000	11:44
Control Test	0.050	11:44
Air Blank	0.000	11:45
Control Test	0.050	11:45
Air Blank	0.000	11:46
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

 Operator's Signature

8/13/18
SP

PALM BAY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001265
 02/06/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:57
Control Test	0.082	11:57
Air Blank	0.000	11:58
Control Test	0.081	11:59
Air Blank	0.000	11:59
Control Test	0.081	12:00
Air Blank	0.000	12:00
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

SP

 Operator's Signature

PALM BAY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001265
 02/06/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:08
Control Test	0.201	12:09
Air Blank	0.000	12:09
Control Test	0.200	12:10
Air Blank	0.000	12:11
Control Test	0.200	12:11
Air Blank	0.000	12:12
Control Test Stats		
Average	0.2003	
Std Dev	0.0006	
Rel Std Dev(%)	0.2882	

SP

 Operator's Signature

PALM BAY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001265
 02/06/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:50
Control Test	0.083	11:50
Air Blank	0.000	11:51
Control Test	0.083	11:51
Air Blank	0.000	11:52
Control Test	0.081	11:52
Air Blank	0.000	11:52
Control Test Stats		
Average	0.0823	
Std Dev	0.0012	
Rel Std Dev(%)	1.4025	

PGS

SP

 Operator's Signature

PGS



Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001265, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001265</u>	UNCERTAINTY* ±
Owning Agency:	<u>PALMBAY P.D.</u>	0.05 g/ 210 L 0.004
Calibration Date:	<u>02/13/2018</u>	0.08 g/ 210 L 0.005
Calibration Time:	<u>13:06</u>	0.20 g/ 210 L 0.008
		0.080 g/ 210 L Dry Gas Control 0.005

All results are reported in g/ 210 L.

Bias is limited by Calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the Target Alcohol concentration.

*Uncertainty is based on fleet-wide data and is expressed to a 99% level of confidence (k=3).

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS) ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

02/13/2018 _____
 Date

 SHAYLA D PLATT,
 Department Inspector

FDLE/ATP Form 69 January 2018
 Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Handwritten initials and date: 2/13/18

Handwritten initials: JPM

PLUM BAY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
02/13/2018 10:05:10
SN 80-001265

Auto Calibration
Max Power Res Value = 25
Auto Range Res Value = 13

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5620 (-0.0230)
Sample #2 = 1.5400 (0.0080)
Sample #3 = 1.5290 (0.0310)
Sample #4 = 1.5490 (0.0320)
Avg % Abs = 1.5393 (0.0237)
STD DEV = 0.0100 (0.0136)
REL STD DEV = 0.651 (57.367)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12595, Sum Io = 14158

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.8950 (-0.0220)
Sample #2 = 1.8500 (0.0150)
Sample #3 = 1.8570 (0.0480)
Sample #4 = 1.8510 (0.0700)
Avg % Abs = 1.8527 (0.0443)
STD DEV = 0.0038 (0.0277)
REL STD DEV = 0.214 (62.442)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1220 (-0.0220)
Sample #2 = 0.1220 (-0.0150)
Sample #3 = 0.1560 (-0.0150)
Sample #4 = 0.1490 (0.0010)
Avg % Abs = 0.1423 (-0.0097)
STD DEV = 0.0180 (0.0092)
REL STD DEV = 12.614 (95.561)

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8230 (-0.0220)
Sample #2 = 0.8240 (0.0010)
Sample #3 = 0.8200 (0.0290)
Sample #4 = 0.8280 (0.0280)
Avg % Abs = 0.8240 (0.0193)
STD DEV = 0.0040 (0.0159)
REL STD DEV = 0.465 (62.164)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.9120 (-0.0140)
Sample #2 = 6.9050 (0.0260)
Sample #3 = 6.8940 (0.0300)
Sample #4 = 6.8860 (0.0310)
Avg % Abs = 6.8950 (0.0290)
STD DEV = 0.0095 (0.0026)
REL STD DEV = 0.138 (9.123)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12579, Sum Io = 14149

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.1780 (-0.0270)
Sample #2 = 5.1770 (0.0080)
Sample #3 = 5.1770 (0.0470)
Sample #4 = 5.1560 (0.0590)
Avg % Abs = 5.1700 (0.0380)
STD DEV = 0.0121 (0.0267)
REL STD DEV = 0.235 (70.170)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.9850 (-0.0270)
Sample #2 = 9.9330 (0.0530)
Sample #3 = 9.9520 (0.0520)
Sample #4 = 9.9560 (0.0650)
Avg % Abs = 9.9470 (0.0567)
STD DEV = 0.0123 (0.0072)
REL STD DEV = 0.124 (12.766)

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5440 (-0.0160)
Sample #2 = 3.5580 (0.0250)
Sample #3 = 3.5690 (0.0080)
Sample #4 = 3.5480 (0.0270)
Avg % Abs = 3.5583 (0.0200)
STD DEV = 0.0105 (0.0104)
REL STD DEV = 0.295 (52.202)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0400 (-0.0220)
Sample #2 = 0.0400 (-0.0150)
Sample #3 = 0.0400 (-0.0150)
Sample #4 = 0.0400 (0.0010)
Avg % Abs = 0.0400 (-0.0092)
STD DEV = 0.0180 (0.0092)
REL STD DEV = 12.614 (95.561)

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8230 (-0.0220)
Sample #2 = 0.8240 (0.0010)
Sample #3 = 0.8200 (0.0290)
Sample #4 = 0.8280 (0.0280)
Avg % Abs = 0.8240 (0.0193)
STD DEV = 0.0040 (0.0159)
REL STD DEV = 0.465 (62.164)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.113
Std Dev = 0.00 Rel Std Dev = 4.38
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.824
Std Dev = 0.00 Rel Std Dev = 0.49
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.853
Std Dev = 0.00 Rel Std Dev = 0.20
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.558
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.170
Std Dev = 0.01 Rel Std Dev = 0.23
Zero Order Coef = -295.12
First Order Coef = 2653.83
Second Order Coef = 31.84
Standard Deviation = 21.786449

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.142
Std Dev = 0.02 Rel Std Dev = 12.61
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.539
Std Dev = 0.01 Rel Std Dev = 0.65
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.616
Std Dev = 0.01 Rel Std Dev = 0.26
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.895
Std Dev = 0.01 Rel Std Dev = 0.14
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.947
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -168.94
First Order Coef = 1309.99
Second Order Coef = 14.31
Standard Deviation = 18.480484

***** CHANNEL 1 *****
Sample #1 = 2990.00
Sample #2 = 2842.00
Sample #3 = 3028.00
Sample #4 = 2896.00
Average Result = 2922.0000
STD DEV = 95.6870
REL STD DEV = 3.275

***** CHANNEL 2 *****
Sample #1 = 3283.00
Sample #2 = 3226.00
Sample #3 = 3292.00
Sample #4 = 3218.00
Average Result = 3245.3333
STD DEV = 40.6120
REL STD DEV = 1.251

***** CHANNEL 1 *****
Sample #1 = 3283.00
Sample #2 = 3226.00
Sample #3 = 3292.00
Sample #4 = 3218.00
Average Result = 3245.3333
STD DEV = 40.6120
REL STD DEV = 1.251

***** CHANNEL 2 *****
Sample #1 = 3283.00
Sample #2 = 3226.00
Sample #3 = 3292.00
Sample #4 = 3218.00
Average Result = 3245.3333
STD DEV = 40.6120
REL STD DEV = 1.251

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0001
0.040 0.040 -0.0002
0.100 0.099 0.0007
0.200 0.201 -0.0006
0.300 0.300 0.0002

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0004
0.040 0.040 0.0005
0.100 0.100 0.0001
0.200 0.200 -0.0004
0.300 0.300 0.0002

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

Sol Value = 0.080 g/210L ***
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Samples Taken = 4, Discarded = 1

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1029
3 um H2O Adjust (mg/l*10,000) = 887
9 um H2O Adjust (mg/l*10,000) = 564
***** AUTO CAL PASS

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1029
3 um H2O Adjust (mg/l*10,000) = 887
9 um H2O Adjust (mg/l*10,000) = 564
***** AUTO CAL PASS

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1029
3 um H2O Adjust (mg/l*10,000) = 887
9 um H2O Adjust (mg/l*10,000) = 564
***** AUTO CAL PASS

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1029
3 um H2O Adjust (mg/l*10,000) = 887
9 um H2O Adjust (mg/l*10,000) = 564
***** AUTO CAL PASS

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1029
3 um H2O Adjust (mg/l*10,000) = 887
9 um H2O Adjust (mg/l*10,000) = 564
***** AUTO CAL PASS

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1029
3 um H2O Adjust (mg/l*10,000) = 887
9 um H2O Adjust (mg/l*10,000) = 564
***** AUTO CAL PASS

CAL ADJUSTMENT
#80-001265 SP

2/13/18
J2

Beam

POST CAL ADJUST STABILITY CHECKS # 80-001265

PALM BAY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001265
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.050	11:05
Air Blank	0.000	11:06
Control Test	0.050	11:07
Air Blank	0.000	11:07
Control Test	0.050	11:08
Air Blank	0.000	11:08
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

2/13/18
JA

PALM BAY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001265
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:11
Control Test	0.081	11:11
Air Blank	0.000	11:12
Control Test	0.081	11:13
Air Blank	0.000	11:13
Control Test	0.081	11:14
Air Blank	0.000	11:15
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

PALM BAY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001265
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:15
Control Test	0.199	11:16
Air Blank	0.000	11:17
Control Test	0.202	11:17
Air Blank	0.000	11:18
Control Test	0.201	11:19
Air Blank	0.000	11:19
Control Test Stats		
Average	0.2007	
Std Dev	0.0015	
Rel Std Dev(%)	0.7612	

SP

Operator's Signature

PALM BAY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001265
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:01
Control Test	0.082	11:01
Air Blank	0.000	11:02
Control Test	0.081	11:02
Air Blank	0.000	11:02
Control Test	0.080	11:03
Air Blank	0.000	11:03
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel Std Dev(%)	1.2346	

DGS

SP

Operator's Signature

Adam

PALM BAY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001265
 02/13/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:08
Control Test	0.080	13:08
Air Blank	0.000	13:09
Control Test	0.082	13:09
Air Blank	0.000	13:10
Control Test	0.081	13:10
Air Blank	0.000	13:10
Control Test	0.081	13:11
Air Blank	0.000	13:11
Control Test	0.081	13:12
Air Blank	0.000	13:12
Control Test	0.082	13:12
Air Blank	0.000	13:13
Control Test	0.081	13:13
Air Blank	0.000	13:14
Control Test	0.081	13:14
Air Blank	0.000	13:15
Control Test	0.081	13:15
Air Blank	0.000	13:15
Control Test	0.081	13:16
Air Blank	0.000	13:16
Control Test	0.081	13:17
Air Blank	0.000	13:17
Control Test	0.080	13:17
Air Blank	0.000	13:18
Control Test	0.082	13:18
Air Blank	0.000	13:19
Control Test	0.081	13:19
Air Blank	0.000	13:20
Control Test	0.082	13:20
Air Blank	0.000	13:20
Control Test	0.081	13:21
Air Blank	0.000	13:21
Control Test	0.081	13:22
Air Blank	0.000	13:22
Control Test	0.081	13:22
Air Blank	0.000	13:23
Control Test	0.081	13:23
Air Blank	0.000	13:24
Control Test	0.081	13:24
Air Blank	0.000	13:25
Control Test Stats		
Average	0.0811	
Std Dev	0.0006	
Rel Std Dev(%)	0.6813	

*Stability
 Checks
 0.08g/210L DGS
 SP*

*2/13/18
 SP*

SP

Operator's Signature

DGS

80-001265
Rec'd
2/2/18
JF

SHAYLA,

THIS INSTRUMENT
NEEDS A NEW BATTERY,
DOES NOT KEEP THE
DATE AND TIME SETTINGS
WHEN POWERED OFF.

THANKS,

E. LUTZ - ABPD

THIS IS ALSO ONE
THAT IS FREQUENTLY IN
A CAR, IF YOU CAN MOVE
THE VOID LABEL TO THE
INSIDE.