

ProCal & ProCal-Track Sample Printouts

Printout List

Job Sheet
Instrument Service Log
Standard Certificate

Delivery Note

ProCal-Track Due / Overdue List
ProCal-Track Recall Due Letter

Issued Certificates analysis (Bar Graph)

Example Labels (Seiko Smart Label® Printer)

JOB SHEET

Printed on 19/10/2001 at 10:22

System ID : ID001
Job Number : 0000000013
Order Number : O/N001234
Date Received : 17/02/1998
Description : Multi-Product Calibrator
Model Number : 2040
Serial Number : 1234A1

Received With :

Packing,Manual,

Customer Details :

Contact : Mr. B. Burrows
Beta Calibrations
2 Calibration House
The Drive
Anytown
AnyCounty. AB12 3CD.
Tel. : 0123 456789

Details :

Calibration Only
Standard Calibration
Go Ahead Given

Comments :

Certificate Details :

Contact : Mr. A. Andrews
Arrow Calibrations
1 Calibration House
The Drive
Anytown
AnyCounty. AB12 3CD.
Tel. : 0123 456789

DISPATCH CHECKLIST

Received Items Returned :
Packing,Manual,
Certificate(s) Signed & Enclosed :
Calibration Seals Applied :
Invoice & Delivery Note Enclosed :
Service Log Enclosed :
Dispatched Via System :



Instrument Service Log

Arrow Calibrations, 1 Calibration House, The Drive, Anytown, AnyCounty. AB12 3CD.



Instrument description : multi-product calibrator
Model number : 2040
Serial number : 1234A1
System ID : ID001
Reference number : 100/A
Used by/location : Engineer ID1
Date acquired : 15/02/1993
Instrument cost : £12025
Calibration interval : 52 weeks

<i>Date</i>	<i>Details</i>	<i>Calibration</i>
16/02/1996	Cal only; Standard Calibration; Certificate number : STD0001 Parts Used : NONE Customer Order No. : O/N0001 New Instrument. All tests passed Calibration. Mains safety Tested.	by J.A.Bailey
15/02/1997	Cal only; Standard Calibration; Certificate number : STD0005 Parts Used : NONE Customer Order No. : O/N000223 Inst in good condition. Minor adj only required All tests passed Calibration. Mains safety Tested.	by J.A.Bailey
24/09/2000	Cal only; Standard Calibration; Certificate number : STD0007 Parts Used : NONE Customer Order No. : O/N001234 Inst in good condition. Minor adj only required All tests passed Calibration. Mains safety Tested. Before and After adjustments Required.	by A.B. Smith

Issued by : TRANSMILLE LTD., UNIT 13, WOODFALLS INDUSTRIAL ESTATE LADDINGFORD, KENT. ME18 6DA.

Printed at 10:14 on Friday 19th October 2001

ProCal-Track

CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd.

Date of Issue 25 August 2002

Certificate Number
STD0008

Page 1 of 3 Pages



www.transmille.com

Transmille Ltd.
Woodfalls Ind Estate
Laddingford
Kent. ME18 6DA.
TEL 01622 873334 FAX 01622 871488

Approved Signatory

S.A. Hawkins J.A. Bailey

Customer : Delta Calibration Services
4 Calibration House, The Drive
Anytown AnyCounty. AB12 3CD.

Date Received : 23 August 2002

Instrument :	System ID :	ID004	Job Number :	0000000012
	Description :	Digital Multimeter	Ref. Number :	T200599
	Manufacturer :	AVO		
	Model Number :	73		
	Serial Number :	07B815	Last Calibration Certificate :	STD0004
	Procedure Version :	129	Last Calibration Date :	23/03/1998

Environmental Conditions

Temperature : 20°C +/- 1°C
Relative Humidity : 50% +/- 10%

Mains Voltage : 240V +/- 10V
Mains Frequency : 50Hz +/- 1Hz

Comments

Traceability Information

<i>Instrument description</i>	<i>Serial number</i>	<i>Certificate number</i>	<i>Cal. Date</i>	<i>Cal. Period</i>
2041A Multiproduct Calibrator	104081	04535	23/05/2002	52

Calibrated By : S.H.

Date of Calibration : 25 August 2002

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.
Copyright of this certificate is owned by the issuing laboratory and may not be reproduced except with the prior written approval of the issuing laboratory.
This certificate complies with the requirements of B.S.5781, part 1 1992. (ISO 10012 - 1 1992).

CERTIFICATE OF CALIBRATION

Certificate Number
STD0008

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AS FOUND RESULTS

Test Title	Tolerance	Applied Value	Reading	Pass/Fail
General Operation Tests				
Continuity check	---	---	Pass	
Diode test check	---	---	Pass	
Bar display check	---	---	Pass	
D.C. Voltage				
300mV D.C. Range	1.8mV	290.0mV	288.0mV	Pass
3V D.C. Range	3.9mV	2.900V	2.902V	Pass
30V D.C. Range	39mV	29.00V	29.02V	Pass
300V D.C. Range	390mV	290.0V	290.0V	Pass
1000V D.C. Range	2V	1 000V	1 001V	Pass
A.C. Voltage				
3V A.C. @ 200Hz	24.8mV	2.900V	2.903V	Pass
30V A.C. @ 200Hz	247.5mV	29.00V	29.02V	Pass
300V A.C. @ 200Hz	2.5V	290.0V	290.0V	Pass
750V A.C. @ 200Hz	8.6V	750V	750V	Pass
D.C. Current				
30mA D.C. Range	59uA	29.00mA	29.03mA	Pass
300mA D.C. Range	1.8mA	290.0mA	290.0mA	Pass
10A D.C. Range	20mA	10.00A	10.01A	Pass
A.C. Current				
30mA A.C. @ 200Hz	475uA	29.00mA	29.01mA	Pass
300mA A.C. @ 200Hz	4.8mA	290.0mA	290.0mA	Pass
10A A.C. @ 200Hz	215mA	10.00A	10.01A	Pass
Resistance				
100Ω Range	700mΩ	100.0Ω	100.0Ω	Pass
1kΩ Range	3Ω	1.000kΩ	1.000kΩ	Pass
10kΩ Range	30Ω	10.00kΩ	10.00kΩ	Pass
100kΩ Range	300Ω	100.0kΩ	100.0kΩ	Pass
1MΩ Range	5kΩ	1.000MΩ	1.002MΩ	Pass
10MΩ Range	310kΩ	10.00MΩ	10.02MΩ	Pass

Uncertainties

D.C. Voltage	Generate up to 1000V : ± 12 ppm + 1 uV + 1 LSD
A.C. Voltage	Generate : 10Hz to 100kHz, 10 mV TO 1000V : ± 0.03 % + 11uV + 2 LSD
D.C. Current	Generate up to 10 A : ± 255 ppm + 3 nA + 1 LSD
A.C. Current	Generate : 10Hz to 5kHz, 9uA to 2A : ± 0.14 % + 20nA + 2 LSD
Resistance	Generate : 10 Ohms to 100 Megohms in decades : ± 220 ppm + 1 LSD

CERTIFICATE OF CALIBRATION

Certificate Number
STD0008

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AFTER ADJUSTMENT RESULTS

Test Title	Tolerance	Applied Value	Reading	Pass/Fail
General Operation Tests				
Continuity check	---		Pass	
Diode test check	---		Pass	
Bar display check	---		Pass	
D.C. Voltage				
300mV D.C. Range	1.8mV	290.0mV	290.0mV	Pass
3V D.C. Range	3.9mV	2.900V	2.900V	Pass
30V D.C. Range	39mV	29.00V	29.02V	Pass
300V D.C. Range	390mV	290.0V	290.0V	Pass
1000V D.C. Range	2V	1 000V	1 000V	Pass
A.C. Voltage				
3V A.C. @ 200Hz	24.8mV	2.900V	2.900V	Pass
30V A.C. @ 200Hz	247.5mV	29.00V	29.00V	Pass
300V A.C. @ 200Hz	2.5V	290.0V	290.0V	Pass
750V A.C. @ 200Hz	8.6V	750V	750V	Pass
D.C. Current				
30mA D.C. Range	59uA	29.00mA	29.01mA	Pass
300mA D.C. Range	1.8mA	290.0mA	290.0mA	Pass
10A D.C. Range	20mA	10.00A	10.00A	Pass
A.C. Current				
30mA A.C. @ 200Hz	475uA	29.00mA	29.01mA	Pass
300mA A.C. @ 200Hz	4.8mA	290.0mA	290.0mA	Pass
10A A.C. @ 200Hz	215mA	10.00A	10.01A	Pass
Resistance				
100Ω Range	700mΩ	100.0Ω	100.0Ω	Pass
1kΩ Range	3Ω	1.000kΩ	1.000kΩ	Pass
10kΩ Range	30Ω	10.00kΩ	10.00kΩ	Pass
100kΩ Range	300Ω	100.0kΩ	100.0kΩ	Pass
1MΩ Range	5kΩ	1.000MΩ	1.000MΩ	Pass
10MΩ Range	310kΩ	10.00MΩ	10.02MΩ	Pass

Uncertainties

D.C. Voltage	Generate up to 1000V : ± 12 ppm + 1 uV + 1 LSD
A.C. Voltage	Generate : 10Hz to 100kHz, 10 mV TO 1000V : ± 0.03 % + 11uV + 2 LSD
D.C. Current	Generate up to 10 A : ± 255 ppm + 3 nA + 1 LSD
A.C. Current	Generate : 10Hz to 5kHz, 9uA to 2A : ± 0.14 % + 20nA + 2 LSD
Resistance	Generate : 10 Ohms to 100 Megohms in decades : ± 220 ppm + 1 LSD

DELIVERY NOTE

Order Number : O/N001234
Job Number : 000000013
Date : 19/10/2001
Dispatched Via : Amtrak

Mr. C. Chapman
Challenger Laboratories
3 Calibration House
The Drive
Anytown
AnyCounty. AB12 3CD.

RECEIVED BY:

 Signed _____

 Name _____

If undelivered please return to :
 TRANSMILLE LTD., UNIT 13,
 WOODFALLS INDUSTRIAL ESTATE, LADDINGFORD,
 KENT., ME18 6DA.

Service Details	Price
Calibration Only; Standard Calibration [STD0007]. for Transmille Ltd. Multi-Product Calibrator 2040 : Serial No. :- 1234A1	XXXXXX
Parts Used Oscilloscope Module Power Module Low Thermal Safety Terminal	XXXXXX
Repair/service Repair time : 3 Hours Inst in good condition. Minor adj only required All tests passed Calibration. Mains safety Tested.	XXXXXX
Returned with Packing,Manual,	XXXXXX

ProCal-Track Instrument List (Due/Overdue Instruments)

No. of weeks notice :

4 Weeks

Status Codes

A : With Customer	I : Before cal. done - awaiting adj.
B : Requested	J : B.E.R.
C : Overdue	K : Sent for repair (OEM)
D : Lost	L : Sent for repair (Internal)
E : Received - awaiting cal.	M : Cal. done - awaiting paperwork
F : Received - awaiting quote	N : In despatch
G : Received - awaiting info. / order	O : Requested (Posted)
H : Arrived damaged	P : Overdue (Posted)

System ID.	Cust. Ref.	Manufacturer	Description	Model No.	Serial No.	Cal Due	Status	Returned By	Owner	Location
ID006	PY99	philips	oscilloscope	PM3311	32546	04/11/2001	B		arrow calibrations	test department
ID002	TDR1	time electronics	decade resistance box	8000	987699	14/10/2001	B		beta calibrations	service center
ID003	PY99	philips	oscilloscope	PM3311	5465Y1	16/10/2001	B		challenger laboratories	engineering department
ID004	T200599	avo	digital multimeter	M3006	07B815	13/10/2001	B		delta calibration services	standards laboratory
ID005	1688/N	avo megger	lcr meter	B131	443432	31/10/2001	B		smith calibrations	production building
ID001	100/A	transmille ltd.	multi-product calibrator	2040	1234A1	23/09/2001	B	beta calibrations	arrow calibrations	engineer id1



TRANSMILLE LTD.

UNIT 13,
WOODFALLS INDUSTRIAL ESTATE
LADDINGFORD,
KENT.
ME18 6DA.

Mr. B. Burrows
Beta Calibrations
2 Calibration House
The Drive
Anytown
AnyCounty. AB12 3CD.

Location : Service Center

Date : 19th October 2001

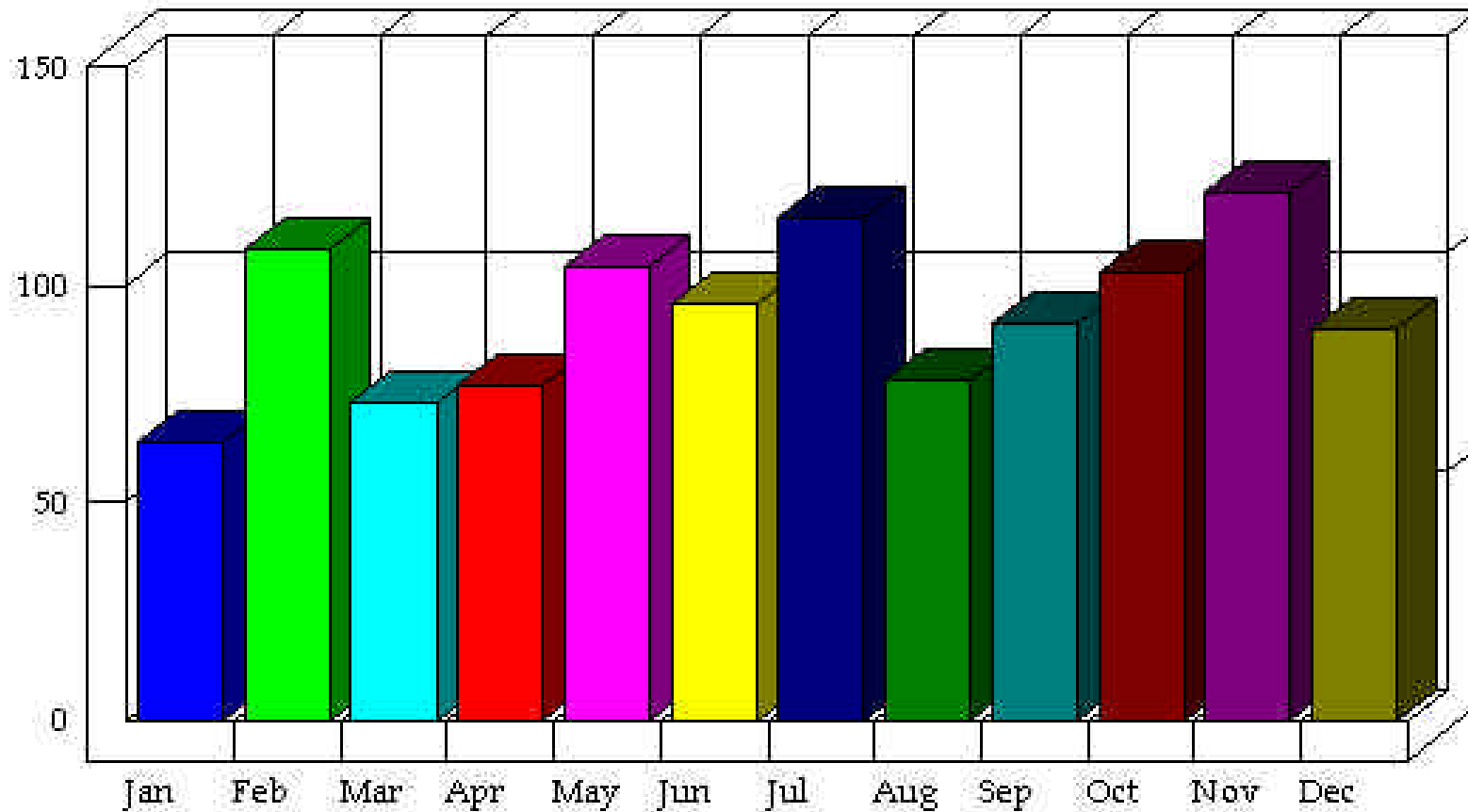
Instrument(s) due for calibration

According to our records the following instrument(s) are due for calibration and should be calibrated to ensure integrity.

If you have any enquiries regarding the calibration of the listed instrument(s) or require a quotation, please contact James Bailey who will be pleased to discuss this with you.

System ID.	Cust. Ref.	Instrument Details	Serial No.	Cal Due	Customer (Owner)
ID002	TDR1	time electronics:8000:decade resistance box	987699	14/10/2001	beta calibrations
ID001	100/A	transmille ltd.:2040:multi-product calibrator	1234A1	23/09/2001	arrow calibrations

Analysis of issued certificates



Bar chart

Pie chart

Line graph

Area graph

Print


OK

SEIKO SMART LABEL PRINTER : EXAMPLE LABELS

JOB No.: 000000013
Serial No. : 1234A1
Date Rec'd. : 17/02/1998
Description : 2000 Multi-Product Calibrator
Customer : Arrow Calibrations
Service : S : Calibration Only
Cert. Type : A : Standard Calibration

000000013 ProCal-Track

JOB LABEL

Model No.: 2005
Serial No.: 1234A1

System ID : ID001
SYSTEM ID LABEL
PLEASE DO NOT REMOVE OR OBSCURE

SYSTEM ID LABEL



ACCESSORY ID LABEL
For Arrow Calibrations
Job No.: 000000013
Description :
Model :
Date Rec'd.: 17/02/1998

000000013-1 ProCal-Track


ACCESSORY LABEL

ELECTRICAL SAFETY CHECK
<input type="checkbox"/> CLASS 1 <input type="checkbox"/> CLASS 2
Tested By : _____
Date of Test : 17/02/1998
Transmile Calibration Tel: 01622 873334

ELECTRICAL SAFETY LABEL

	Serial No. : 1234A1
	Cert No. : STD0007
	Calibrated : 24 Mar 1998
	Cal. Due : 23 Mar 1999
	
	System ID : ID001
Transmile Calibration Tel: 01622 873334	

CALIBRATION LABEL (STANDARD)

	Serial No. : 1210F7
	Cert No. : 04807
	Calibrated : 13 Mar 2001
	Cal. Due : _____
	
	System ID : TE216
0324	Transmile Calibration Tel: 01622 873334

CALIBRATION LABEL (UKAS)