

G4226A

Transport Alignment

Done

DEBAP04332
A.07.01[001]
1290 Sampler

The sample transport alignment with the sampling unit and the well-plate tray is required to compensate larger deviations in positioning the needle carrier. It is required after disassembling the system or after exchanging either the sample transport, the sampling unit, the MTP main board or the well plate sampler tray.

Result Comment The transport alignment has been successfully completed.

**Started at 24.08.2025 14:23:35 by FIBRESTORE-8570\Benutzer1 on
FIBRESTORE-8570 using Agilent Lab Advisor - Version 2.21.597 SR1 -
Advanced
Finished at 24.08.2025 14:28:55**

Signature:

G4226A

Maintenance Positions

Done

DEBAP04332
A.07.01[001]
1290 Sampler

Certain maintenance procedures require the needle arm, metering device, and gripper assembly to be moved to specific positions for easy access to components. The maintenance positions tool offers functions to move these assemblies into the appropriate positions.

Started at 24.08.2025 14:29:43 by FIBRESTORE-8570\Benutzer1 on FIBRESTORE-8570 using Agilent Lab Advisor - Version 2.21.597 SR1 - Advanced
Finished at 24.08.2025 14:29:43

Signature:

G4226A

Injector Steps

Done

DEBAP04332
A.07.01[001]
1290 Sampler

Allows to do each movement of the sampling sequence under manual control. This is useful during troubleshooting where close observation of each of the sampling steps is required to confirm a specific failure mode or verify successful completion of a repair.

Started at 24.08.2025 14:36:59 by FIBRESTORE-8570\Benutzer1 on FIBRESTORE-8570 using Agilent Lab Advisor - Version 2.21.597 SR1 - Advanced
Finished at 24.08.2025 14:36:59

Tables

Log

Number	Step	Status
1	Valve Bypass	Done
2	Plunger Home	Done
3	Needle Up	Done
4	Move To Location (1)	Done
5	Needle Into Sample (1)	Done
6	Draw (5,00 µl)	Done
7	Needle Up	Done
8	Needle Into Seat	Done
9	Valve Mainpass	Done
10	Needle Up / Valve Mainpass (5 s)	Done
11	Valve Bypass	Done
12	Plunger Home	Done
13	Needle Up	Done
14	Move To Location (10)	Done
15	Needle Into Sample (10)	Done
16	Draw (10,00 µl)	Done
17	Needle Up	Done
18	Needle Into Seat	Done
19	Needle Up / Valve Mainpass (5 s)	Done
20	Valve Bypass	Done
21	Plunger Home	Done
22	Needle Up	Done
23	Move To Location (55)	Done
24	Needle Into Sample (55)	Done
25	Draw (20,00 µl)	Done
26	Needle Up	Done
27	Needle Into Seat	Done
28	Needle Up / Valve Mainpass (5 s)	Done

29	Valve Bypass	Done
30	Plunger Home	Done
31	Needle Up	Done
32	Move To Location (81)	Done
33	Needle Into Sample (81)	Done
34	Draw (20,00 µl)	Done
35	Needle Up	Done
36	Needle Into Seat	Done
37	Needle Up / Valve Mainpass (5 s)	Done
38	Valve Bypass	Done
39	Plunger Home	Done
40	Needle Up	Done
41	Move To Location (91)	Done
42	Needle Into Sample (91)	Done
43	Draw (10,00 µl)	Done
44	Needle Up	Done
45	Needle Into Seat	Done
46	Valve Mainpass	Done
47	Valve Bypass	Done
48	Needle Up / Valve Mainpass (5 s)	Done
49	Plunger Home	Done
50	Needle Up	Done
51	Move To Location (100)	Done
52	Needle Into Sample (100)	Done
53	Draw (5,00 µl)	Done
54	Needle Up	Done
55	Needle Into Seat	Done
56	Valve Mainpass	Done
57	Needle Up / Valve Mainpass (5 s)	Done

Signature:

G4226A

Module Info

Done

DEBAP04332
A.07.01[001]
1290 Sampler

Collect diagnostic info from a LC or CE module and write to the result file.

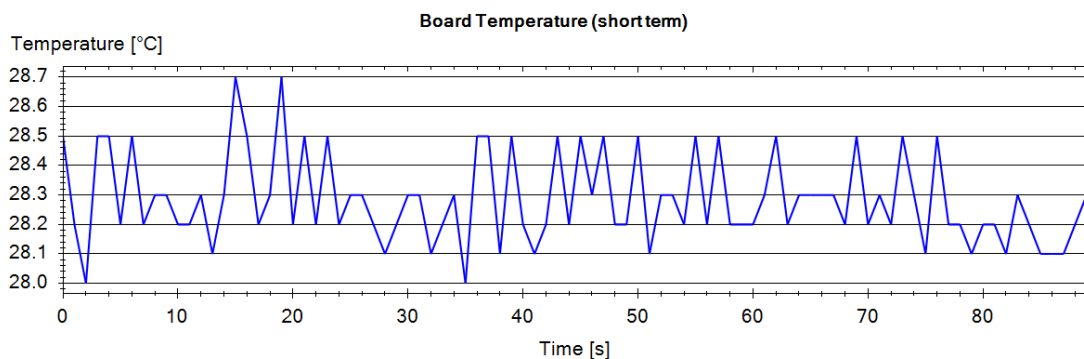
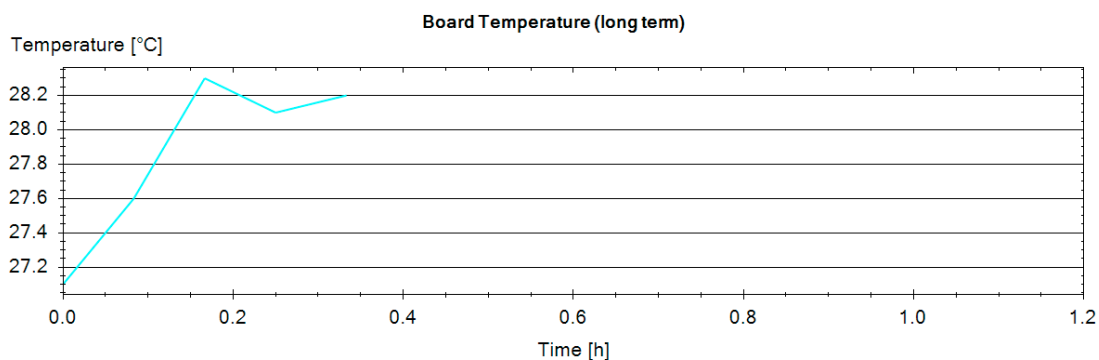
Started at 24.08.2025 14:45:12 by FIBRESTORE-8570\Benutzer1 on FIBRESTORE-8570 using Agilent Lab Advisor - Version 2.21.597 SR1 - Advanced

Results

Item	Value	Result
Firmware Main System Revision	A.07.01	Done
Firmware Main System Revision Build Number	[001]	Done
Firmware Resident System Revision	"A.07.01"	Done
Hardware Main Board Details	TYPE="G4226-65000", REV="CA_AA", SER="01601"	Done
System Date and Time	Firmware Clock: 24.08.2025 14:49:55, Controller Clock: 24.08.2025 14:45:12	Done
Product Options	ALS, MIO	Done
Device Detail #1	LAN Card	Done
Device Detail #2	Tray (100 x 2 ml)	Done
Device Detail #3	Syringe Tag (Size 40 µl, Maximum Allowed Pressure 1200 bar)	Done
Device Detail #4	Metering Parameter (Loop Size 20 µl, Seat Capillary 1,2 µl)	Done
Device Detail #5	LAN Settings (IP: 192.168.0.130, SM: 255.255.255.0, GW: 192.168.1.1, MAC: 0001E6A350D0, HW Type: J4100A, FW Rev.: K.08.20)	Done
Device Detail #6	Current Instrument Access Point	Done

Finished at 24.08.2025 14:45:19

Signals



Tables

Maintenance History

Date	Maintenance Description
09/25/2015 12:36:25	Standard PM durchgefuehrt, siehe PM Checklist.

Error History

Date	Error Number	Error Parameter	Error description
08/24/2025 14:23:10	4452	3825	Transport initialization failed - Possibly Motor over temperature
08/24/2025 14:18:51	4452	3825	Transport initialization failed - Possibly Motor over temperature
08/24/2025 14:17:07	4452	2	Transport initialization failed
08/24/2025 14:17:07	4451	2	Theta-motor over temperature
05/21/2025 12:19:21	4714	3204	Movement of needle into seat failed
05/21/2025 12:08:01	4714	3204	Movement of needle into seat failed
05/21/2025 11:57:32	4714	3204	Movement of needle into seat failed
05/21/2025 11:20:15	4714	3204	Movement of needle into seat failed
05/20/2025 22:19:02	4706	16843521	Missing vessel
05/20/2025 10:35:58	4714	3204	Movement of needle into seat failed
05/20/2025 10:30:10	4714	3204	Movement of needle into seat failed
05/19/2025 23:32:56	4714	3204	Movement of needle into seat failed
12/10/2024 23:31:34	4454	3837	Tray command failed - Vessel got stuck to needle or theta encoder failure
11/18/2024 11:57:33	4712	16843009	There was a problem with the vessel
02/28/2024 07:42:31	63	0	Shutdown
02/28/2024 07:42:13	63	0	Shutdown
01/11/2024 02:01:29	4454	3837	Tray command failed - Vessel got stuck to needle or theta encoder failure
12/07/2023 15:44:46	63	0	Shutdown
10/26/2023 07:47:43	4454	-1	Tray command failed
10/26/2023 07:47:43	4452	-1	Transport initialization failed

Firmware Revision

Date	Revision
09/22/2016 11:15:56	A.07.01 [001]
10/01/2014 11:48:06	A.06.54 [006]
01/01/1970 00:05:52	A.06.53 [002]
01/01/1970 00:00:00	A.06.50 [003]

Signature:

Contact Information

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 Company
 Comments

Software Information

Lab Advisor Version 2.21.597
 Installed Lab Advisor Add-ons Agilent LC/CE 1.0.9109.23510

System Configuration

Instrument Name	Type	Address	Data last updated on
fibrestore	Agilent LC	192.168.0.130	24.08.2025 14:45:26

	Firmware	Status	Details
G4226A DEBAP04332 1290 Sampler	A.07.01 [001]	Idle	- LAN Card - No Tray installed - Syringe Tag (Size 40 µl, Maximum Allowed Pressure 1200 bar) - Metering Parameter (Loop Size 20 µl, Seat Capillary 1,2 µl) - LAN Settings (IP: 192.168.0.130, SM: 255.255.255.0, GW: 192.168.1.1, MAC: 0001E6A350D0, HW Type: J4100A, FW Rev.: K.08.20) - Current Instrument Access Point
G4208A MY18505533 1200 Instant Pilot	B.02.25 [0001]	Idle	

Test and Calibration Procedure Results

	Description	Date
G4226A	Module Info - Done	24.08.2025 14:49:54
DEBAP04332	Maintenance Positions - Done	24.08.2025 14:49:40
1290 Sampler	Injector Steps - Done	24.08.2025 14:41:41
	Injector Steps - Done	24.08.2025 14:40:56
	Maintenance Positions - Done	24.08.2025 14:34:25
	Transport Alignment - Done	24.08.2025 14:28:18
	Transport Alignment - Aborted by user	24.08.2025 14:18:08
	Transport Alignment - Aborted by system	24.08.2025 14:11:34

Associated Logs

	Description	Date
G4226A	Transport initialization failed - Possibly Motor over temperature(EE 4452,3825)	24.08.2025 14:23:10
DEBAP04332	Transport initialization failed - Possibly Motor over temperature(EE 4452,3825)	24.08.2025 14:18:51
1290 Sampler	Transport initialization failed - Possibly Motor over temperature (EE 4452,3825)	24.08.2025 14:18:51
	Theta-motor over temperature(EE 4451,2)	24.08.2025 14:17:07
	Transport initialization failed(EE 4452,2)	24.08.2025 14:17:07
	Transport initialization failed (EE 4452,2)	24.08.2025 14:17:07
	Theta-motor over temperature (EE 4451,2)	24.08.2025 14:17:07
	Movement of needle into seat failed(EE 4714,3204)	21.05.2025 12:19:21
	Movement of needle into seat failed(EE 4714,3204)	21.05.2025 12:08:01
	Movement of needle into seat failed(EE 4714,3204)	21.05.2025 11:57:32
	Movement of needle into seat failed(EE 4714,3204)	21.05.2025 11:20:15
	Missing vessel(EE 4706,16843521)	20.05.2025 22:19:02
	Movement of needle into seat failed(EE 4714,3204)	20.05.2025 10:35:58
	Movement of needle into seat failed(EE 4714,3204)	20.05.2025 10:30:10
	Movement of needle into seat failed(EE 4714,3204)	19.05.2025 23:32:56
	Tray command failed - Vessel got stuck to needle or theta encoder failure(EE 4454,3837)	10.12.2024 23:31:34
	There was a problem with the vessel(EE 4712,16843009)	18.11.2024 11:57:33
	Shutdown(EE 63,0)	28.02.2024 07:42:31
	Shutdown(EE 63,0)	28.02.2024 07:42:13
	Tray command failed - Vessel got stuck to needle or theta encoder failure(EE 4454,3837)	11.01.2024 02:01:29
	Shutdown(EE 63,0)	07.12.2023 15:44:46
	Transport initialization failed(EE 4452,-1)	26.10.2023 07:47:43
	Tray command failed(EE 4454,-1)	26.10.2023 07:47:43
	Tray command failed - Vessel got stuck to needle or theta encoder failure(EE 4454,3837)	25.10.2023 07:37:33
	Tray command failed - Vessel got stuck to needle or theta encoder failure(EE 4454,3837)	25.10.2023 07:18:41
	Tray command failed - Vessel got stuck to needle or theta encoder failure(EE 4454,3837)	24.10.2023 20:16:11
	Tray command failed - Vessel got stuck to needle or theta encoder failure(EE 4454,3837)	23.10.2023 08:57:40
	A.07.01 [001]	22.09.2016 11:15:56
	Standard PM durchgefuehrt	25.09.2015 12:36:25
	A.06.54 [006]	01.10.2014 11:48:06
	A.06.53 [002]	01.01.1970 00:05:52
	A.06.50 [003]	01.01.1970 00:00:00

fibreStore

Early Maintenance Feedback Counters

	Description	Value	Unit	Limit
G4226A	Needle Wash Pump On-Time	2.15	h	0
DEBAP04332	<i>Last reset: 12.10.2022 14:30:30</i>			
1290 Sampler	Needle Into Seat Counter	4200	Count	0
	<i>Last reset: 12.10.2022 14:30:33</i>			
	Needle Into Blocked Seat Counter	0	Count	0
	<i>Last reset: 12.10.2022 14:30:36</i>			
	Injection Valve Switches	8986	Count	0
	<i>Last reset: 12.10.2022 14:30:40</i>			