

Customer

Name	Ashley Johnson
Contact person	Corissa Rodgers
Address	Houston Forensic Science LGC, Inc. Houston 1200 Travis St Fl 20 713-929-6760
Postal code / City	77002-6001 Houston
Country	US

Purpose

The purpose of this approval page is to replace the single signatures on each document listed below. With signing this document the signatories approve and accept the content of all listed document, and agree that the testing results meet specified business and quality requirements. The detailed meaning of the signature is defined at the fields Tecan Service Technician and Customer.

Note: It may be found in the document bundle Tecan Service Technician signature/ date fields are empty. Tecan accepts and judge these as - NOT APPLICABLE – fields related to the scope of this page.

Statement of disclaimer

This document and its contents are exclusive property of Tecan. This document may not be reproduced in any form, without prior written permission from Tecan.

Total Pages in Report - 5

List of documents

Date	Document name	Description
06/22/2018	ServiceReport_4362208_Houston Forensic Science LGC, Inc..pdf	Service Report
06/22/2018	basic.pdf	basic setup
06/22/2018	no z.pdf	random move test, no z axis
06/22/2018	Z.pdf	random move test, z axis only

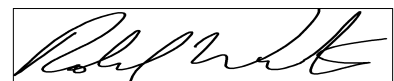
Tecan Service technician:

Meaning of the signature:

I herewith confirm that I have authored the above listed documents; I have checked that the testing results and inspection data, and confirm that they meet Tecan's specified requirements for equipment operation. I approve the data based on the scope of my responsibility and expertise.

Ron Veselenak

Date of signature: 06/22/2018



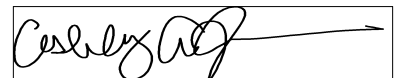
Customer:

Meaning of the signature:

I herewith confirm that I have reviewed, accepted and approved the content of the above listed documents. I herewith accept the testing results and inspection data based on the scope of my responsibility and expertise. The content of the documents meets all applicable business and quality requirements and reflect the procedures described.

Ashley Johnson

Date of signature: 06/22/2018



Mail Correspondence To: Tecan US, Inc., 9401 Globe Center Dr., Suite
140, Morrisville, NC 27560, USA
Telephone: 800-352-5128 Fax: 919-361-3601
E-Mail: helpdesk-us@tecan.com

Service order number	4362208	Phone	832-975-1245
Customer's address	Houston Forensic Science LGC, Inc. 77002-6001 Houston 1200 Travis St Fl 20 713-929-6760	Contact person	Corissa Rodgers
		Date call received	06/21/2018
		Date of service	06/22/2018
		PO number	Contract

Equipment number	10640219	Serial number	1010008386
UDI			
Equipment description	INSTRUMENT BASE EVO 75 + SCHEDULER SW		
Symptoms - Group code	090	Symptoms - Coding	110

Solution/Corrective action

22 June 2018. Verified unit SN correctly matched SN stored on TeCU. Tested move of RoMa in all directions with unit powered off and found no obstructions or faulty stuttering or moves. Ran a 1000 move random in the Z axis followed by a 1000 move random for all other axes...both tests passed with no fault found. Ran test in Evoware to move 6 plates from MP3POS to washer (and back), to reader (and back) and to hotel (and back). Found RoMa vectors for carriers to be slightly off. Made adjustments and repeated test multiple times to ensure proper movement of plates. Unit may return to normal operations.

BC (Bill Code): Z1 = Good will Z2 = Warranty Z3 = To be invoiced Z4 = Warranty on Repair
 Z5 = Contract Z6 = Installation

Component	Description	Quantity	Serial # Added	Serial # Removed	BC
None					

Instrument status at time of service report

- Repaired - Normal utilization can continue
- Fault/Defect not reproducible - Normal utilization can continue
- Fault/Defect still present

Date	Work Hours	BC	Travel Hours	BC	Distance	BC
06/22/2018		3.50 Z5		2.00 Z5		

Date: 06/22/2018	Tecan	<input type="text"/>	Customer	<input type="text"/>
	Signature	<input type="text"/>	Signature	<input type="text"/>

Mail Correspondence To: Tecan US, Inc., 9401 Globe Center Dr., Suite 140, Morrisville, NC 27560, USA
 Telephone: 800-352-5128 Fax: 919-361-3601
 E-Mail: helpdesk-us@tecan.com

Instrument Basic Setup

BasicSetup.dll Version: 1.15.18.301
 Panel.dll Version: 1.15.18.301
 Genesis.dll Version: 1.15.18.301
 GUIExtensions.dll Version: 1.14.18.301
 OSpp.dll Version: 1.13.18.301
 Setup and Service Version: 6.1.18.301
 Computer Name: LabCorp-PC

Instrument Type: EVO
 Instrument Serial Number: 1010008386
 Tools [Type, SN]: None specified
 Date: 22/Jun/2018 10:07:11

Test Configuration: Default

Operator: FAE

Date:

Signature:

Instrument Properties

Type: freedom evo

Size: 75

Arm order

	Arm	Addr	Movable Range [mm]	Deviation [mm]	Deviation Limit [mm]
1	LiHa	C5	550.4	-1.6	na
2	RoMa	C1	548.9	-3.1	na

Diagnostics Data

Power Ups: 1002

On Time [h]: 8582.58

Downloads: 0

Page erases: 124

Device Information

	Device	Firmware	Bootware	Serial Number
C2T00	DCSERVO2	V1.21-04/2007	V1.00-05/2003	-
C2T02	DCSERVO2	V1.21-04/2007	V1.00-05/2003	-
C2T04	DCSERVO2	V1.21-04/2007	V1.00-05/2003	-
C6T06	DCSERVO2	V1.21-04/2007	V1.00-05/2003	-
C6T0A	DCSERVO2	V1.21-04/2007	V1.00-05/2003	-
C6T20	XP2000	V1.10-03/2006	V1.02-04/2002	1009002052
C6T21	XP2000	V1.10-03/2006	V1.02-04/2002	1009002056
C5	LIHACU	V1.60-02/2010	V1.10-04/2007	1010008385
C6T30	MPO	V3.20-04/2007	V1.00-08/2003	10250284
C1	ROMACU	V2.21-09/2007	V1.10-04/2007	803005334
O1	SAFY	V1.30-04/2008	V1.10-12/99	10340016
M1	TECU	V1.40-12/2007	V1.10-07/2005	1010008386

System Move Test

MoveTest.dll Version: 1.15.18.301
Panel.dll Version: 1.15.18.301
Genesis.dll Version: 1.15.18.301
GUIExtensions.dll Version: 1.14.18.301
OSpp.dll Version: 1.13.18.301
Setup and Service Version: 6.1.18.301
Computer Name: LabCorp-PC

Instrument Type: EVO
Instrument Serial Number: 1010008386
Tools [Type, SN]: None specified
Date: 22/Jun/2018 11:16:34

Test Result: Passed
Tests done: Not All
Test Configuration: User Defined

Operator: FAE

Date:

Signature:

Range Move Test: Not Done

Test Configuration Details

Axes selection: See detailed results.
Moves: Selected axes move once to their extreme positions.
Initializations: Selected axes are initialized once.

Pass / Fail Criteria

Deviation Limit: See detailed results.

Detailed Results

Random Move Test: Passed

Test Configuration Details

Axes selection: See detailed results.
Duration [Cycles]: 1000
Re-Init Interval [Cycles]: 200

Pass / Fail Criteria

Deviation Limit: See detailed results.

Detailed Results

RoMa C1					
	Maximal Deviation	Deviation Limit	Exceed Counter	Move Counter	Distance
X	0.025 mm	0.1 mm	0	1010	126
Y	0.051 mm	0.1 mm	0	1015	82
R	0.020 °	0.2 °	0	1019	91
G	0.008 mm	0.1 mm	0	1008	23

System Move Test

MoveTest.dll Version: 1.15.18.301
Panel.dll Version: 1.15.18.301
Genesis.dll Version: 1.15.18.301
GUIExtensions.dll Version: 1.14.18.301
OSpp.dll Version: 1.13.18.301
Setup and Service Version: 6.1.18.301
Computer Name: LabCorp-PC

Instrument Type: EVO
Instrument Serial Number: 1010008386
Tools [Type, SN]: None specified
Date: 22/Jun/2018 10:50:20

Test Result: Passed
Tests done: Not All
Test Configuration: User Defined

Operator: FAE

Date:

Signature:

Range Move Test: Not Done

Test Configuration Details

Axes selection: See detailed results.
Moves: Selected axes move once to their extreme positions.
Initializations: Selected axes are initialized once.

Pass / Fail Criteria

Deviation Limit: See detailed results.

Detailed Results

Random Move Test: Passed

Test Configuration Details

Axes selection: See detailed results.
Duration [Cycles]: 1000
Re-Init Interval [Cycles]: 200

Pass / Fail Criteria

Deviation Limit: See detailed results.

Detailed Results

RoMa C1	Maximal Deviation	Deviation Limit	Exceed Counter	Move Counter	Distance
Z	0.003 mm	0.1 mm	0	2005	245