

12 – Installation Acceptance and Warranty Certificate

Client:	Isolab Scientific		
Quotation Number:	19059	Date:	25/04/2025
Job Number:	IN1351	Date:	07/05/2025

Contact:	Mark Oconnor
System:	System C System controller upgrade and prep. PCB
Software:	Callisto V5.00
Engineer:	S.Moseley & P Hayes
Installation Date:	19/06/25

Warranty commences:	19/06/25
Warranty Expires:	20/06/27

Customer Acceptance:

 Name: M. O'Connell

 Signature: M. O'Connell

 Date: 22/10/2025

Engineer's Signature:

On behalf of Sercon Limited

 Name: S.Moseley

 Signature: S.Moseley

 Date: 19/06/25

Notes:



PURCHASE ORDER

Sercon Ltd
Attention: Janet Hindmarch
Unit 3B
Crewe Trade Park
Gateway
Crewe
Cheshire
CW1 6JT
UNITED KINGDOM
VAT Number: GB771110074

Purchase Order Date
21 Oct 2024
Delivery Date
31 Oct 2024
Purchase Order Number
PO-0022
Reference
18266
VAT Number
461389768

Sercon Analytical Ltd
Europa House
Coppicemere Drive
Crewe
Cheshire
CW1 6GZ
UNITED KINGDOM

Description	Quantity	Unit Price	VAT	Amount GBP
20402/4 HS2022	1.00	0.01		0.01
10202/14 PyroEArth	1.00	0.01		0.01
XYZ Gas Box	1.00	0.01		0.01
60101/5 VerSA 5	1.00	0.01		0.01
Warranty 2 Years	1.00	0.01		0.01
			Subtotal	0.05
			TOTAL GBP	0.05

DELIVERY DETAILS

Delivery Address
Europa House
Coppicemere Drive
Crewe
Cheshire
CW1 6GZ
United Kingdom

Attention
Telephone
44 01270580008

Delivery Instructions

11 – Installation Report

Client:	Sercon Analytical Ltd		
Quotation Number:	18266	Date:	19/06/2024
Job Number:	IN1343	Date:	31/07/2024

Contact:	Lynsey Wheeldon & Molly Goodwin		
Date of Visit:	03/01/2025-07/01/2025	No. of Days:	5
Engineer:	Henry Cooke		

Details of visit:

Blanks consistently low, and all specifications met:

CO2 Ref Gas Precision = 0.01 ‰

N2 Ref Gas Precision = 0.04 ‰

CO2 Ref Gas Linearity = 0.04 ‰

N2 Ref Gas Linearity = 0.26 ‰

CO2 Combustion Precision = 0.02 ‰

N2 Combustion Precision = 0.04 ‰

SO2 Combustion Precision = 0.07 ‰

The Versa sampler is to be set up at a later date once the current instrumentation has been learnt by the users.

Recommendations:

System now to run there QC samples

Faults and Shortages:

Follow up:

Versa and gas box install at customers request

Engineer:
Henry Cooke

Date: 13/02/2025

Signed:
H.cooke

11 – Installation Report

Client:	Sercon Analytical Ltd		
Quotation Number:	18266	Date:	19/06/2024
Job Number:	IN1343	Date:	31/07/2024

Contact:	Molly Goodwin		
Date of Visit:	16 th – 17 th Oct 2025	No. of Days:	2
Engineer:	David Harris		

Details of visit:

Installed Versa Config software to PC – All OK.

Comms established to Versa. Readbacks all respond – All OK.

Valve cable made by Sercon build and fitted from Gas-Box to SysCon, valve bank 2. Valves respond as normal – All OK.

User made up water scrubber tube and fitted to flow path way – All OK.

Created “Equilibrations” project with Callisto for use of XYZ sampler related activity. Copied over tuning files from PyroEarth project – All OK.

Edited bitmap as required – All OK.

Plumbed in He & H₂ gas lines in. Setup crimps and plumbing as required – All OK.

Set coordinates for 12ml exetainer sample bed – All OK.

Plumbed system to PyroEarth unit and established flows – All OK.

Created methods (timings, events, autosampler events) within Callisto project.

Set HS2022 to HD tuning (4200µA eMag current setting. Tuning HD2 used for testing) – All OK.

Tested method with H₂ flushed 12ml exetainers. n= 5. Results good.

HD from tube ~ Precision = 0.339 ‰ (S.D.)

Demonstrated to user how to setup up and run sample batches.

Demonstrated to user how to adjust autosampler events and use of Versa Config software.

Demonstrated to user how to run multi-batch and delay function.

System handed over to user for normal use.

Install complete.

Recommendations:

- Run equilibrated samples for HD using platinum catalyst.
- As there is no heated block present on system, advise to store equilibrating samples in heater oven at 50°C to speed up reaction time.

11 – Installation Report

Client:	Sercon Analytical Ltd		
Quotation Number:	18266	Date:	19/06/2024
Job Number:	IN1343	Date:	31/07/2024

Faults and Shortages:

- Valve cable - Built and supplied during installation.
- Unions for needle fitting – supplied during installation.
- Only WES needle (for 6ml vials) available at time of install. 12ml EXE needle to be purchased by customer.

Follow up:

N/A

Engineer: David Harris

Date: 20th October 25

Signed:

