

Certificate of Calibration

Cert No.: 310127_1

Project Number: P240057300

Customer:

Infineon Technologies Austria AG
 Siemensstraße 2 Villach 9500
 Austria

Asset ID: (IFAT)	233356	As Found:	PASS
Equipment Type:	Thermostream	Adjusted:	No
Manufacturer:	SP Scientific	As Left:	PASS
Model Number:	Thermojet ES	Cal. Date:	2025-05-06
Serial Number:	310127	Cal. Interval:	12 months
Software version:		Due Date:	2026-05-06
Calibration Location:	Customer Facility	Climate Condition:	(21,5 bis 21,7) °C ±1 K (46 bis 47) % ±3 % (1010 hPa - 1017 hPa) hPa ±5 hPa
		Performed by:	M.Schumacher

Used Standards

Asset ID	Description	Model	Serial	Manufacturer	Due Date	Traceability Number
161314	Kalibrator	714B	33010008	Fluke	April 26	161314-07
647630	Thermocouple	Type T		Omega	April 26	647630-01
647631	Thermocouple	Type K		Omega	April 26	647631-01

Used Procedures

Procedure Name (Revision Number)	Description
	According to manufacturer's instructions

Remark:

Approved by:



Schumacher

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2 Nozzle sensor type K Specification [$\pm 2^{\circ}\text{C}$]						
Set Temperature [$^{\circ}\text{C}$]	As Found Temperature [$^{\circ}\text{C}$]	As Found Deviation	As Found Result	As Left Temperature [$^{\circ}\text{C}$]	As Left Deviation	As Left Result
-40	-40,3	-0,30	PASS			
-20	-20,3	-0,30	PASS			
+25	+25,3	0,30	PASS			
+70	+70,3	0,30	PASS			
+85	+85,3	0,30	PASS			
+125	+125,3	0,30	PASS			
+150	+150,1	0,10	PASS			
+170	+170,5	0,50	PASS			

External sensor type PT100 Specification [$\pm 2^{\circ}\text{C}$]						
Set Temperature [$^{\circ}\text{C}$]	As Found Temperature [$^{\circ}\text{C}$]	As Found Deviation	As Found Result	As Left Temperature [$^{\circ}\text{C}$]	As Left Deviation	As Left Result
-40	-39,1	0,90	PASS			
-20	-19,8	0,20	PASS			
+25	+25,2	0,20	PASS			
+70	+69,5	-0,50	PASS			
+85	+84,6	-0,40	PASS			
+125	+123,8	-1,20	PASS			
+150	+148,7	-1,30	PASS			
+170	+168,9	-1,10	PASS			

If “As Found” Calibration **OK**, then only values in “**As Found**”

If optimized, then values in “As Found” and “As Left” -> **Remark required**

If adjusted (As Found FAIL), then values in “As Found” and “As Left” -> **Remark required**