S-Tec GmbH
Gewerbepark 13
87640 Biessenhofen
Germany

Certificate of Calibration

Cert No.: 160006425_1
Project Number: P240057300

Customer:
Infineon Technologies Austria AG
Siemensstraße 2 Villach 9500
Austria

Asset ID: (IFAT)	238629	As Found:	**PASS**
Equipment Type:	Thermostream	Adjusted:	No
Manufacturer:	S-Tec	As Left:	**PASS**
Model Number:	TSR2252LN	Cal. Date:	2025-10-20
Serial Number:	160006425	Cal. Interval:	12 months
Software version:		Due Date:	2026-10-20
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	Tracebility 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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Nozzle sensor type K Specification [± 2°C]						
Set Temperature [°C]	As Found Temperature [°C]	As Found Deviation	As Found Result	As Left Temperature [°C]	As Left Deviation	As Left Result
-40	-41,2	-1,20	PASS			
-20	-21,2	-1,20	PASS			
+25	+24,3	-0,70	PASS			
+70	+68,9	-1,10	PASS			
+85	+83,7	-1,30	PASS			
+125	+123,7	-1,30	PASS			
+150	+148,6	-1,40	PASS			
+170	+168,7	-1,30	PASS			

External sensor type K Specification [± 2°C]						
Set Temperature [°C]	As Found Temperature [°C]	As Found Deviation	As Found Result	As Left Temperature [°C]	As Left Deviation	As Left Result
-40	-39,3	0,70	PASS			
-20	-19,5	0,50	PASS			
+25	+24,7	-0,30	PASS			
+70	+69,8	-0,20	PASS			
+85	+84,7	-0,30	PASS			
+125	+124,7	-0,30	PASS			
+150	+149,6	-0,40	PASS			
+170	+169,7	-0,30	PASS			

External sensor type T Specification [± 2°C]						
Set Temperature [°C]	As Found Temperature	As Found Deviation	As Found Result	As Left Temperature	As Left Deviation	As Left Result
-40	-39,8	0,20	PASS			
-20	-19,7	0,30	PASS			
+25	+24,8	-0,20	PASS			
+70	+69,7	-0,30	PASS			
+85	+84,8	-0,20	PASS			
+125	+125,7	0,70	PASS			
+150	+149,8	-0,20	PASS			
+170	+169,7	-0,30	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**