

校正報告書

校正暨量測實驗室-台中



Report No. : ETR2047327

第1頁

共2頁

申請者 Applicant	臺中榮民總醫院				
儀器名稱 Equipment	連續溫濕度資料收集器				
製造廠商 Manufacturer	ESCORT	機型 Model	EI-IN-D-32-L	序號 Serial No.	1803-0047
校正程序 Procedure used	GENP-ET-T008(V 1.1)	收件日期 Received Date	2020/12/1	校正日期 Calibration Date	2020/12/7
校驗者 Operator	朱志傑	溫度 °C Temperature	(23 ± 5) °C	相對濕度 % Relative Humidity	(50 ± 30) %
顧客地址 遊校地址	臺中市407西屯區臺灣大道四段1650號			校正地點 Location	實驗室

實驗室使用標準器 / SGS Standards

儀器名稱 Equipment	製造廠商 Manufacturer	機型 Model	標準器校正日期 Calibration Date
Digital Thermometer with Probe	FLUKE	1552A	2020/6/12
Temp & Humidity Chamber	GIANT FORCE	GTH-225-00-SP-AR	2020/4/13

序號 Serial Number	追溯單位 Traceability	報告號碼 Report No.	標準器有效日期 Due Date
3892016	SGS(TAF 0143)/SGS(WUKU)	ECR2019417/ECR2019417-1	2021/6/11
MAA1404-005	SGS(TAF 0143)	ECR2011428	2021/4/12

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- ◆ 校正程序名稱： 溫濕度計(LOGGER)(實測比對法+遊校)校正作業程序書
- ◇ Procedure used: Calibration SOP for Temperature-hygrometer (Logger) (Comparison method + on-site calibration)

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溫度部份：

器示值 (°C)	標準值 (°C)	器差值 (°C)
0.2	0.0	0.2
5.2	5.0	0.2
10.1	10.0	0.1

校正說明：

1. 器差值 = 器示值 - 標準值
 2. 器差% = $[(\text{器示值} - \text{標準值}) \div \text{標準值}] * 100$
 3. 器示值係指送校正件所顯示或設定之值
 4. 標準值係指工作標準件之輸出值或顯示值
 5. 校正能力係以約 95 % 信賴水準, $k = 2$ 之擴充不確定度表示
 6. 擴充不確定度： 0.7 °C
 7. 上述擴充不確定度已包含校正件之不確定度評估結果
- THE END --

校正報告書

校正暨量測實驗室-台中

		Report No. : ETR2047328		第1頁		共2頁	
申請者 Applicant		臺中榮民總醫院					
儀器名稱 Equipment		連續溫濕度資料收集器					
製造廠商 Manufacturer		ESCORT		機型 Model		EI-IN-D-32-L	
校正程序 Procedure used		GENP-ET-T008(V 1.1)		收件日期 Received Date		2020/12/1	
校驗者 Operator		朱志傑		溫度 °C Temperature		(23 ± 5) °C	
顧客地址 遊校地址		臺中市407西屯區臺灣大道四段1650號				序號 Serial No.	
						1803-0048	
						校正日期 Calibration Date	
						2020/12/7	
						相對濕度 % Relative Humidity	
						(50 ± 30) %	
						校正地點 Location	
						實驗室	

實驗室使用標準器 / SGS Standards

儀器名稱 Equipment	製造廠商 Manufacturer	機型 Model	標準器校正日期 Calibration Date
Digital Thermometer with Probe	FLUKE	1552A	2020/6/12
Temp & Humidity Chamber	GIANT FORCE	GTH-225-00-SP-AR	2020/4/13
序號 Serial Number	追溯單位 Traceability	報告號碼 Report No.	標準器有效日期 Due Date
3892016	SGS(TAF 0143)/SGS(WUKU)	ECR2019417/ECR2019417-1	2021/6/11
MAA1404-005	SGS(TAF 0143)	ECR2011428	2021/4/12

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- ◆ 校正程序名稱： 溫濕度計(LOGGER)(實測比對法+遊校)校正作業程序書
- ◇ Procedure used: Calibration SOP for Temperature-hygrometer (Logger) (Comparison method + on-site calibration)


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溫度部份：


器示值 (°C)	標準值 (°C)	器差值 (°C)
0.2	0.0	0.2
5.0	5.0	0.0
9.9	10.0	-0.1

校正說明：

1. 器差值 = 器示值 - 標準值
 2. 器差% = $\left[\frac{\text{器示值} - \text{標準值}}{\text{標準值}} \right] * 100$
 3. 器示值係指送校正件所顯示或設定之值
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 5. 校正能力係以約 95 % 信賴水準, $k = 2$ 之擴充不確定度表示
 6. 擴充不確定度： 0.7 °C
 7. 上述擴充不確定度已包含校正件之不確定度評估結果
- THE END --

校正報告書 校正暨量測實驗室-台中

Report Date : 2020/12/7

	Report No. : ETR2047331	第1頁	共2頁
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申請者 Applicant	臺中榮民總醫院				
儀器名稱 Equipment	連續溫濕度資料收集器				
製造廠商 Manufacturer	ESCORT	機型 Model	EI-IN-D-32-L	序號 Serial No.	1803-0049
校正程序 Procedure used	GENP-ET-T008(V 1.1)	收件日期 Received Date	2020/12/1	校正日期 Calibration Date	2020/12/7
校驗者 Operator	朱志傑	溫度 °C Temperature	(23 ± 5) °C	相對濕度 % Relative Humidity	(50 ± 30) %
顧客地址 遊校地址	臺中市407西屯區臺灣大道四段1650號			校正地點 Location	實驗室

實驗室使用標準器 / SGS Standards

儀器名稱 Equipment	製造廠商 Manufacturer	機型 Model	標準器校正日期 Calibration Date
Digital Thermometer with Probe	FLUKE	1552A	2020/6/12
Temp & Humidity Chamber	GIANT FORCE	GTH-225-00-SP-AR	2020/4/13
序號 Serial Number	追溯單位 Traceability	報告號碼 Report No.	標準器有效日期 Due Date
3892016	SGS(TAF 0143)/SGS(WUKU)	ECR2019417/ECR2019417-1	2021/6/11
MAA1404-005	SGS(TAF 0143)	ECR2011428	2021/4/12

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- ◇ Procedure used: Calibration SOP for Temperature-hygrometer (Logger) (Comparison method + on-site calibration)


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溫度部份：

器示值 (°C)	標準值 (°C)	器差值 (°C)
0.2	0.0	0.2
5.0	5.0	0.0
10.0	10.0	0.0

校正說明：

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- THE END --

校正報告書

校正暨量測實驗室-台中

Report Date : 2020/12/7



Report No. : ETR2047329

第1頁


共2頁

申請者 Applicant	臺中榮民總醫院				
儀器名稱 Equipment	連續溫濕度資料收集器				
製造廠商 Manufacturer	ESCORT	機型 Model	EI-IN-D-32-L	序號 Serial No.	1803-0050
校正程序 Procedure used	GENP-ET-T008(V 1.1)	收件日期 Received Date	2020/12/1	校正日期 Calibration Date	2020/12/7
校驗者 Operator	朱志傑	溫度 °C Temperature	(23 ± 5) °C	相對濕度 % Relative Humidity	(50 ± 30) %
顧客地址 遊校地址	臺中市407西屯區臺灣大道四段1650號			校正地點 Location	實驗室

實驗室使用標準器 / SGS Standards

儀器名稱 Equipment	製造廠商 Manufacturer	機型 Model	標準器校正日期 Calibration Date
Digital Thermometer with Probe	FLUKE	1552A	2020/6/12
Temp & Humidity Chamber	GIANT FORCE	GTH-225-00-SP-AR	2020/4/13
序號 Serial Number	追溯單位 Traceability	報告號碼 Report No.	標準器有效日期 Due Date
3892016	SGS(TAF 0143)/SGS(WUKU)	ECR2019417/ECR2019417-1	2021/6/11
MAA1404-005	SGS(TAF 0143)	ECR2011428	2021/4/12

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- ◆ 校正程序名稱： 溫濕度計(LOGGER)(實測比對法+遊校)校正作業程序書
- ◇ Procedure used: Calibration SOP for Temperature-hygrometer (Logger) (Comparison method + on-site calibration)


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溫度部份：

器示值 (°C)	標準值 (°C)	器差值 (°C)
-9.8	-10.0	0.2
-19.7	-20.0	0.3
-29.6	-30.0	0.4

校正說明：

1. 器差值 = 器示值 - 標準值
 2. 器差% = $[(\text{器示值} - \text{標準值}) \div \text{標準值}] * 100$
 3. 器示值係指送校正件所顯示或設定之值
 4. 標準值係指工作標準件之輸出值或顯示值
 5. 校正能力係以約 95 % 信賴水準, $k = 2$ 之擴充不確定度表示
 6. 擴充不確定度：0.7 °C
 7. 上述擴充不確定度已包含校正件之不確定度評估結果
- THE END --

		Report No. : ETR2047330		第1頁	共2頁
申請者 Applicant	臺中榮民總醫院				
儀器名稱 Equipment	連續溫濕度資料收集器				
製造廠商 Manufacturer	ESCORT	機型 Model	EI-IN-D-32-L	序號 Serial No.	1803-0051
校正程序 Procedure used	GENP-ET-T008(V 1.1)	收件日期 Received Date	2020/12/1	校正日期 Calibration Date	2020/12/7
校驗者 Operator	朱志傑	溫度 °C Temperature	(23 ± 5) °C	相對濕度 % Relative Humidity	(50 ± 30) %
顧客地址 遊校地址	臺中市407西屯區臺灣大道四段1650號			校正地點 Location	實驗室

實驗室使用標準器 / SGS Standards

儀器名稱 Equipment	製造廠商 Manufacturer	機型 Model	標準器校正日期 Calibration Date
Digital Thermometer with Probe	FLUKE	1552A	2020/6/12
Temp & Humidity Chamber	GIANT FORCE	GTH-225-00-SP-AR	2020/4/13
序號 Serial Number	追溯單位 Traceability	報告號碼 Report No.	標準器有效日期 Due Date
3892016	SGS(TAF 0143)/SGS(WUKU)	ECR2019417/ECR2019417-1	2021/6/11
MAA1404-005	SGS(TAF 0143)	ECR2011428	2021/4/12

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- ◆ 有 TAF 認證標誌之報告表示符合全國認證基金會(TAF)認證範圍之校正項目證書；無 TAF 認證標誌之報告亦符合本實驗室標準校正作業程序及 ISO/IEC 17025 之規定。

- ◇ SGS Taiwan Ltd hereby declare that traceability follows ILAC P10(ILAC policy on the traceability of measurement results). All standards are directly traceable to TAF recognized lab (members of the ILAC MRA) or to National Metrology Institutes (NMI) or to other international standards (members of the CIPM MRA) or certified reference materials(CRMs).
- The report with "TAF" accredited symbol represents the certificate of calibration items conforming to TAF accreditation scope; Without "TAF" accredited symbol, the report also complies with the lab's standard calibration operating procedures and ISO/IEC 17025 requirements.

- ◆ 本校正報告僅對上述儀器之校正項目有效且未經調整，本實驗室依 ISO/IEC 17025 規定不做校正週期及允收水準之判定，特別聲明除外。

- ◇ The calibration report is only valid for the instrument mentioned above and without adjustment. Unless otherwise specified,

SGS does not determine the calibration interval and acceptance criteria in accordance with ISO/IEC 17025.

- ◆ 本校正報告部份複製及影本無效。

- ◇ To reproduce or copy calibration report in partial is not allowed.

- ◆ 校正程序名稱：溫濕度計 (LOGGER)(實測比對法+遊校)校正作業程序書

- ◇ Procedure used: Calibration SOP for Temperature-hygrometer (Logger) (Comparison method + on-site calibration)


 報告簽署人



溫度部份：

器示值 (°C)	標準值 (°C)	器差值 (°C)
0.1	0.0	0.1
5.0	5.0	0.0
10.0	10.0	0.0

校正說明：

1. 器差值 = 器示值 - 標準值
 2. 器差% = $\left[\frac{\text{器示值} - \text{標準值}}{\text{標準值}} \right] * 100$
 3. 器示值係指送校正件所顯示或設定之值
 4. 標準值係指工作標準件之輸出值或顯示值
 5. 校正能力係以約 95 % 信賴水準, $k = 2$ 之擴充不確定度表示
 6. 擴充不確定度： 0.7 °C
 7. 上述擴充不確定度已包含校正件之不確定度評估結果
- THE END --