FICHA DE PRODUCTO : DATALOGGER DECON Z1

Descripción :

Equipo electrónico de un solo uso para el registro de temperaturas. El equipo permite ver de forma fácil el incumplimiento de temperatura, y en cualquier caso genera de forma automática un informe en formato ".pdf" con una gráfica resumen y todas las medidas recogidas sin necesidad de ningún software especial.

Carácteristicas:

- Manejo fácil e intuitivo, solo se necesita pulsar un botón.
- Registra todas las temperaturas dentro del rango de trabajo, es decir desde -30ºC hasta 60ºC. Independientemente estén o no dentro de los rangos de alarma.
- Se encenderá la luz roja cada 10 segundos en el caso que se incumplan los rangos de alarma preconfigurados.
- Conexión universal a ordenador mediante puerto USB 2.0
- Existe la posibilidad de configuraciones especiales para cantidades.

Especificaciones técnicas:

Dimensión	69mm * 33mm * 5mm
Peso	10 g
Tipo de uso	Un solo uso.
Rango de temperatura	-30 ° C ~ + 60 ° C
Precisión temperatura	± 0,5 ° C (–20°C ~ +40 °C); ± 1,0°C (resto)
Resolución de temperatura	0.1 ° c
Capacidad de almacenamiento	10.000 datos
Vida útil / batería	2 años / CR2032
Intervalo de grabación	10 minutos (estándar, otros bajo petición)
Duración de grabación	60 días (estándar, otros bajo petición)
Alarmas configuradas	Límite superior: 8 °C Limite inferior: 2 °C
Tipo de alarma	El LED rojo parpadeará cada 10s, si la temperatura ha estado fuera del alcance
Retardo de inicio para primera lectura	30 minutos
Generación de informes	Generación automática de informes PDF sin necesidad de software. El informe se genera una vez que el registrador es conectado a un ordenador.
Nivel impermeabilidad	IP67 (dentro de la bolsa que viene de origen)

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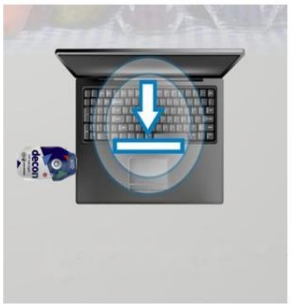
Operativa de uso:

1. Para activar, mantener boton pulsado durante 3 segundos.
2. Dependiendo de la configuración, el equipo empezará a registrar a los 30 minutos de su activación.
3. Para detener el registro mantener el botón pulsado mas de 3 segundos o conectarlo al ordenador.



Ejemplo de informe generado:

- En el informe aparecerán las medidas en color rojo cuando estén por encima del rango superior, en negro cuando estén en el rango correcto y en azul cuando estén por debajo del limite inferior.

DATA REPORT

Alarm ☒ ID: TZ2002008404

File Information

File Created Date: 01/19/21 09:18:22
Note: All Times shown are based on UTC+0:00 and 24-Hour clock [MM/DD/YY HH:MM:SS]

Device Information

Device Type:	TZ-TempU02	Firmware Version:	2.10
ID:	TZ2002008404		
Start Delay:	30 min	Log Interval:	10 min
Description:	Temperature Recording		

Logging Summary

First Point:	01/07/21 14:58:16	Max:	24.7°C
Stop Time:	01/19/21 09:08:16	Min:	-4.3°C
Number of Points:	1694	MKT:	12.3°C
Trip Length:	11d 18h 10m 00s	Average:	9.8°C
Stop Mode:	USB Stop		

Alarm Condition	First Point Time	Time of Violations	No. of Violations	Status
Over 8.0	01/07/21 14:58:16	07d 05h 20m 00s	1041	Alarm
Below 2.0	01/14/21 03:58:16	01d 22h 50m 00s	262	Alarm

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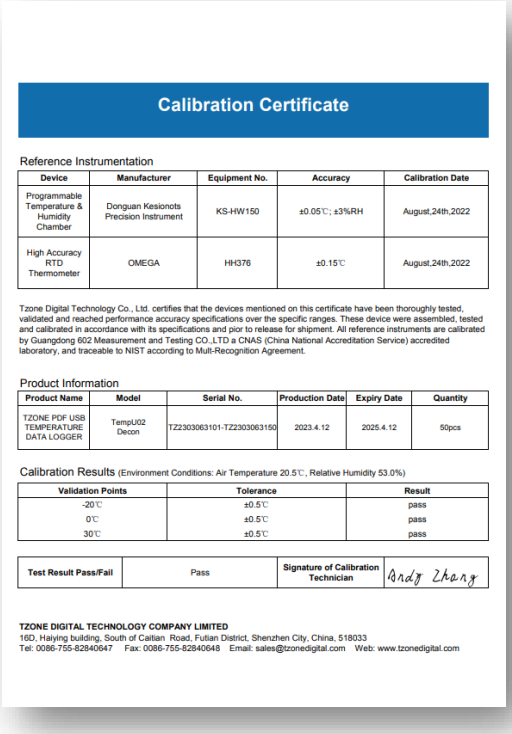
FICHA DE PRODUCTO : DATALOGGER DECON Z1

Ejemplo del certificado

- Disponible el documento en cada caja de 50 Unidades.



Calibration Certificate

Reference Instrumentation

Device	Manufacturer	Equipment No.	Accuracy	Calibration Date
Programmable Temperature & Humidity Chamber	Donguan Kesionots Precision Instrument	KS-HW150	±0.05℃; ±3%RH	August,24th,2022
High Accuracy RTD Thermometer	OMEGA	HH376	±0.15℃	August,24th,2022

Tzone Digital Technology Co., Ltd. certifies that the devices mentioned on this certificate have been thoroughly tested, validated and reached performance accuracy specifications over the specific ranges. These device were assembled, tested and calibrated in accordance with its specifications and pior to release for shipment. All reference instruments are calibrated by Guangdong 602 Measurement and Testing CO.,LTD a CNAS (China National Accreditation Service) accredited laboratory, and traceable to NIST according to Mult-Recognition Agreement.

Product Information

Product Name	Model	Serial No.	Production Date	Expiry Date	Quantity
TZONE PDF USB TEMPERATURE DATA LOGGER	TempU02 Decon	TZ2303063101-TZ2303063150	2023.4.12	2025.4.12	50pcs

Calibration Results (Environment Conditions: Air Temperature 20.5℃, Relative Humidity 53.0%)

Validation Points	Tolerance	Result
-20℃	±0.5℃	pass
0℃	±0.5℃	pass
30℃	±0.5℃	pass

Test Result Pass/Fail	Pass	Signature of Calibration Technician	Andy Zhang

TZONE DIGITAL TECHNOLOGY COMPANY LIMITED
16D, Haiying building, South of Caitian Road, Futian District, Shenzhen City, China, 518033
Tel: 0086-755-82840647 Fax: 0086-755-82840648 Email: sales@tzonedigital.com Web: www.tzonedigital.com

Certificados:

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Certificate of Compliance

No. 08180328.TDT0N40
Test Reports no. 3CC(18)-50003A-17-10-STA

Certificate's Holder: TZONE DIGITAL TECHNOLOGY CO., LTD.
16D, Haiying Building, Caitian Road, Futian District, Shenzhen, Guangdong, China

Certification ECM Mark: Type Approved

Product: USB Temperature Data Logger
Model(s): TZ-TempU02, TZ-TempU03, TZ-TempU04, TZ-TempU05, TZ-TempU06

Verification to: Standard: EN 12830:1999
related to CE Directive(s): 2014/35/EU (Low Voltage)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecermo.it. This Certificate of Compliance can be checked for validity at www.entecermo.it
This verification doesn't imply assessment of the production of the product(s).
Additional information, clarification about the CE Marking:
We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is responsible to start the CE Marking Certification Procedure and to perform all the necessary activities, as required by the Directive before placing the CE Mark on the product(s).

Date of issue 28 March 2018 — Chief Manager Marco Modena
Expiry date 27 March 2023 — Deputy Manager Amanda Pavone

Ente Certificazione Macchine Srl
Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) - ITALY
+39 051 6705141 +39 051 6705156 info@entecermo.it www.entecermo.it

VERIFICATION OF CONFORMITY

Certificate No. : CTL1903053042-RC

Applicant : Tzone Digital Technology Co., Ltd
Address : 16D, Haiying Building, South of Caitian Road, Futian District, Shenzhen, China
Product : USB Temperature Data Logger
Trademark : Tzone
Model(s) : TZ-TempU02
Manufacturer : Tzone Digital Technology Co., Ltd
Address : 16D, Haiying Building, South of Caitian Road, Futian District, Shenzhen, China
Test Report : CTL1903053042-R

Complies with the requirements of the EC RoHS Directive 2011/65/EU & Amendment 2015/863

Test Standards:
IEC 62321-7-2:2017
IEC 62321-4:2013+A1:2017
IEC 62321-5:2013
IEC 62321-6:2015
IEC 62321-8:2017

Remarks:
Based on this voluntary assessment of the product sample and technical file, we confirm that the above-mentioned product meets the requirements of the EC directive. The CE mark as show below can be used, under the responsibility of the manufacturer or the importer, after completion of an EC declaration of conformity and compliance with all relevant EC directives.

For Chief Executive
Mar. 23, 2019

Shenzhen CTL Testing Technology Co., Ltd.
Add.: Floor 1-A, Baisha Technology Park, No.3011, Shahexi Road, Nanshan District, Shenzhen, China 518055
Tel: 86-755-86408194 E-Mail: info@ctl-lab.com web: www.ctl-lab.com

LN United Testing

Certificate of Compliance

Certificate Number: UNIA201808031TEC-01

Applicant : TZONE DIGITAL TECHNOLOGY CO.,LTD
16D, Haiying building, South of Caitian Road, Futian District, Shenzhen City, China
Manufacturer : TZONE DIGITAL TECHNOLOGY CO.,LTD
5th Floor, L Building, Chengdexuan Industry Town, Wuyuan Road, Liaonglang Second Industrial Estate, Gongming Town, Baoan District, Shenzhen City
Product : USB Temperature Data Logger
Trade Name : TZONE
M/N : TempU02, TempU03, TempU04, TempU05, TempU06

Test Standard: EN55032:2015/AC:2016-07
EN55024:2010/A1:2015
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC Directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with EMC Directive.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: UNIA201808031ER-01.

2018-08-03 Date of issue — Hunter Lau

Shenzhen United Testing Technology Co., Ltd.
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