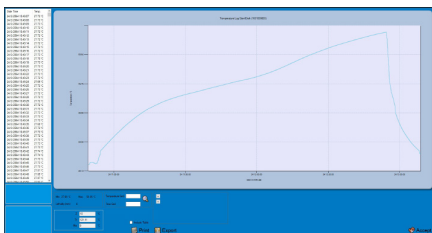


HIGH TEMPERATURE DATA LOGGER MicroW XL HP2



Features

- Prevent up to 250°C maximum 134 minutes
- With different lengths rigid probe for penetration
- Completely food grade and waterproof
- All software calculate lethality value (F0, PU, A0 ecc.)
- long live battery and user replaceable battery (software shows battery status)
- Very easy to deploy in any type of package
- Accredia (NIST equivalent) traceable calibration certificate included
- Application for Sterilisation, Pasteurisation, Food and Beverage, Pharmaceutical, Healthcare, Medical, Cosmetics, Laboratories, Validation

Technical data

Temperature range : -40...+250°C

Accuracy : ± 0.1°C (valid in the calibration range)

Accuracy (Option) : ± 0.05°C (high accuracy calibration)

Resolution : 0.01 °C

Operating temperature : -40...+140°C (permanently)

+141...+250°C (see on page 2, *temperature operating table*)

Memory capacity : 20,224 reading

Battery type : high temperature Lithium battery

Battery life (@different interval) : more than 5 years @ 30 seconds or 6 months @ 1 second (17,000,000 acquisitions @ 1 second step continuously (calculated time @25°C)). Storage or operation above +50°C significantly reduces battery life.

Interval : 1s...24hr

Material : Strainless steel

Operate system : Windows 10, 11 (32/64 bit)

Exporting : PDF, Excel

Dimension : Φ67 x 222h mm

Weight : 843g

Protection type : IP68

Ordering code

MicroW XL HP2

100 : Probe length 58 mm

150 : Probe length 108 mm

xx : Customize Probe length
58...138 mm

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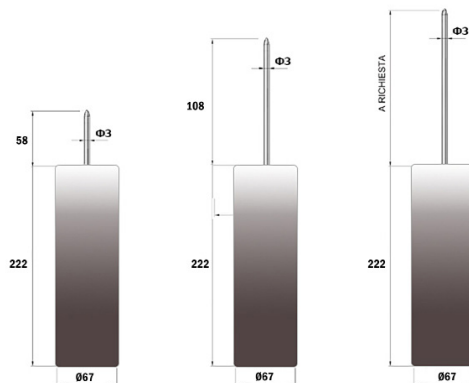
Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

Line : @omith

Drawing



unit : mm

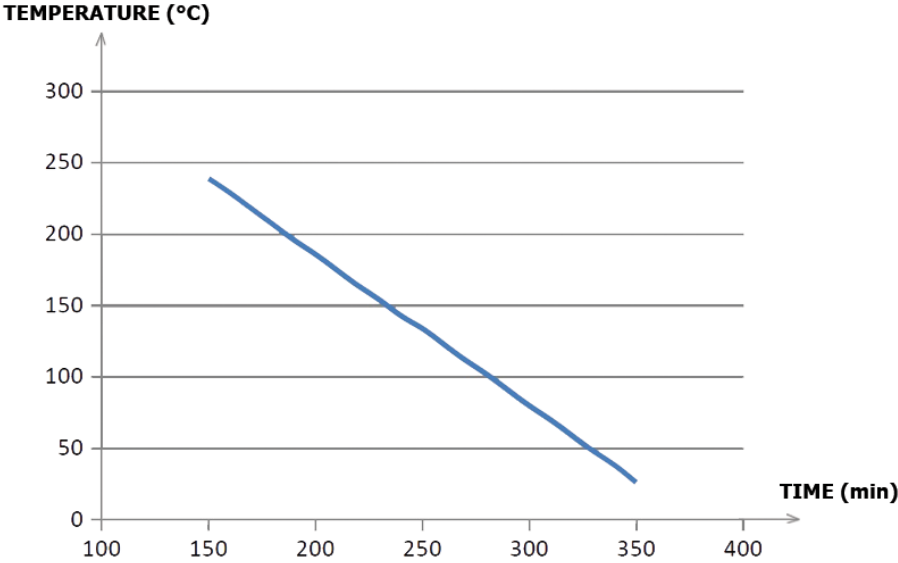
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Temperature (°C)	Time (min)
150	239
160	229
170	218
180	207
190	196
200	186
210	175
220	164
230	154
240	143
250	134

Listed specifications can be used to determine maximum allowable times for the S-MicroW XL HP2 at different temperature range. The data logger must be at ambient temperature (approximately 25 °C) before being placed in extreme temperature environment. After using it, the data logger should be placed in a water bath (approximately 25 °C) for at least 15 minutes to allow it to cool. Failing to do this may allow heat trapped to potentially unsafe levels.

The relative of temperature and time's data logger



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Accessories

These are necessary equipments that using with products and increase efficiency.

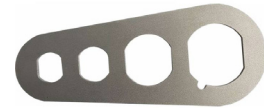
DiskInterface HS : is the connection bay used for downloading data and programming all models of high temperature data loggers



Universal Multibay : is the multiple connection bay used for downloading data and programming all models of high temperature data loggers. It allows to connect up to 5 data loggers of each supported model to be programmed and downloaded at the same time.



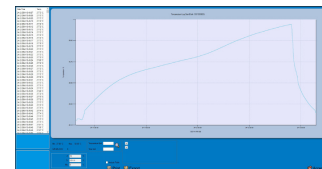
TS17MU : use to open data loggers for battery replacement.
*Note : For all of **sterilDisk** model, need **2 items** for opening*
*For **others model**, need only **1 item** for opening*



TS18SMWXLBK : Battery and O-ring can be used in all type of S-MicroW XL. if used below -30°C ,battery life will be highly reduced.



SPD Software (FREE) : It allows to start the devices setting the start delay, mission duration, notes. After download data are then displayed on graph, with zoom function, and table, exportable in Excel.



TS Manager Software : it allowed to do everything as a SPD software and has more functions such as multi-user, having login and password, Synchronized data table with statistics, etc. Downloadable from Tecno soft website and works with its hardware protection key only.



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