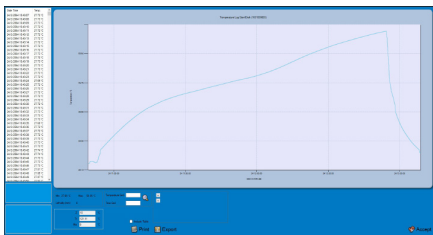
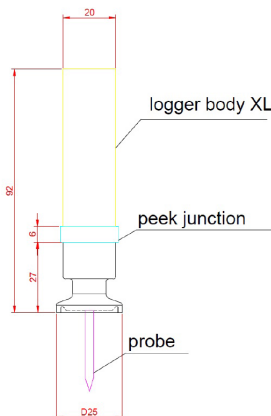


## HIGH TEMPERATURE DATA LOGGER MicroW XL Tri-Clamp



### Drawing



### Ordering code

MicroW XL Tri-Clamp -

XX : (Probe length) x  $\Phi$ 3 mm

[www.omi.co.th](http://www.omi.co.th)

**Omega Measuring Instrument Co., Ltd.**

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Line : @omith

### Features

- With tri-clamp universal connection
- With different lengths rigid probe for penetration
- Completely food grade and waterproof
- All software calculate lethality value (F0, PU, A0 ecc.)
- Low battery consumption for an extended battery life
- User replaceable battery (software shows battery status)
- Very easy to deploy in any type of package
- Accredia (NIST equivalent) traceable calibration certificate included
- It is supported by the TS Manager software for validation compatible with the FDA 21 CFR Part 11 and GAMP 5 regulations.
- Application for Sterilisation, Pasteurisation, Food and Beverage, Pharmaceutical, Healthcare, Medical, Laboratories, Validation

### Technical data

**Temperature range** : -40...+250°C (*only probe*)  
-40...+140°C (*resistance of body*)

**Accuracy** :  $\pm 0.1^\circ\text{C}$  (within the calibration range)

**Resolution** : 0.01 °C

**Memory capacity** : 20,224 reading

**Battery type** : high temperature Lithium battery

**Battery life (@different interval)** : more than 5 years @ 1 minutes 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** : Stainless steel AISI316L, PEEK

**Operate system** : Windows XP, Vista, 7, 8, 10

**Exporting** : PDF, Excel

**Tri-clamp dimension** :  $\Phi$ 25 mm

**Probe diameter** :  $\Phi$ 3 mm

**Dimension** :  $\Phi$ 21 x 64 mm (Body),  $\Phi$ 25 x 92 mm (total)

**Weight** : 70g

**Pressure resistance** : 6 barg

**Protection type** : IP68

### Application



Autoclave



Sterilization process



pasteurization process



Oven/Retort

*\*Note: Furthermore, these process that are shown, please do not hesitate to contact us for consulting*

## HIGH TEMPERATURE DATA LOGGER MicroW XL Tri-Clamp

### Accessories

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

**DiskInterface HS :** is the connection bay used in all model 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.



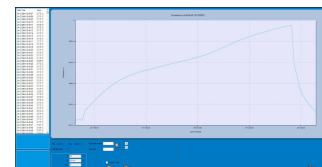
**TS17MU :** use to open data loggers for battery replacement.  
*Note : For all of **sterilDisk** model, need 2 items for opening*  
*For **others** model, need only 1 item for opening*



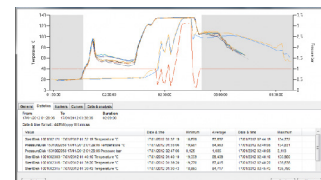
**TS18SMWXLBK :** Battery and O-ring can be used in all type of S-MicroW XL. When used on ultra freeze condition, the max duration at -80°C is 12 hours, use continuously.



**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 TecnoSoft website and works with its hardware protection key only.



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