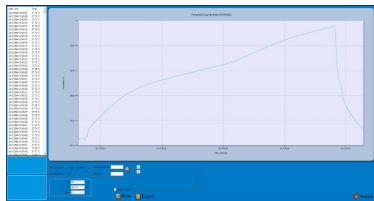
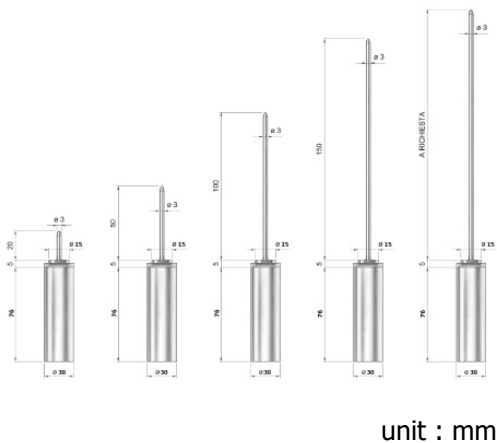


## WIRELESS HIGH TEMPERATURE DATA LOGGER S-Radio



### Drawing



### Ordering code

S-Radio

- 20 : Probe length 20 mm
- 50 : Probe length 50 mm
- 100 : Probe length 100 mm
- 150 : Probe length 150 mm
- XXX : Probe length 10...175 mm

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

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

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### Features

- Real time monitoring data logger
- 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...+140°C

**Accuracy :** ± 0.1°C (within the calibration range)

**Resolution :** 0.01 °C

**Memory capacity :** 121,171 readings

**Battery type :** high temperature Lithium battery

**Battery life (@different interval) :** more than 5 years @ 1 minute or 1 month @ 1 second (3,800,000 acquisitions @ 1 second step continuously (calculated time @25°C)). Storage or operation above +50°C significantly reduces battery life.

**Interval :** 1s...24Hrs

**Material :** Stainless steel AISI316L, PEEK

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

**Exporting :** PDF, Excel

**Dimension :** 76 x Φ30 mm (Body), 3 x Φ15 mm (Probe base)

**Weight :** 76g

**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*

## WIRELESS HIGH TEMPERATURE DATA LOGGER S-Radio

### Accessories (option)

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.



**USB Radio Receiver :** is the receiver for wireless used in all S-Radio model for real time monitoring.



**Autoclave special antenna :** A special antenna to be inserted directly into the autoclave for optimal signal receiving is available. The antenna can be connected to any radio receiver instead of the standard antenna provided



**4-20mA Radio Receiver:** is the receiver that can be connected to the machinery's PLC



**S-RADIO-PLUG-3WAY :** The S-RADIO-PLUG-3WAY for addition a connecting of antenna. There are 2 of male plug for connecting.



**S-RADIO-CABLE-3 :** The extension cable for Autoclave special antenna. It can extend a cable for receiving a signal from S-radio data logger. The cable length is 3 meters.



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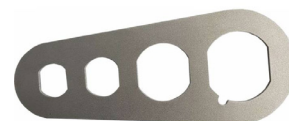
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## WIRELESS HIGH TEMPERATURE DATA LOGGER S-Radio

### Accessories (option)

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

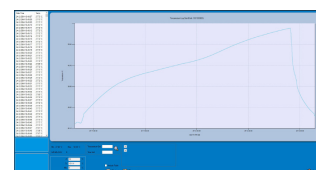
**TS17MU** : use to open data loggers for battery replacement.  
*Note : For all of **sterilDisk** model, need **2 items** for opening*  
*For **others** model, need only **1 item** for opening*



**TS10SPCRB** : Battery and O-ring can be used in all type of S-Radio. 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 TecnoSoft website and works with its hardware protection key only.

