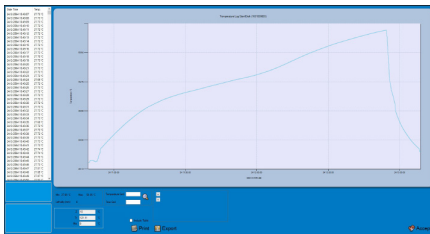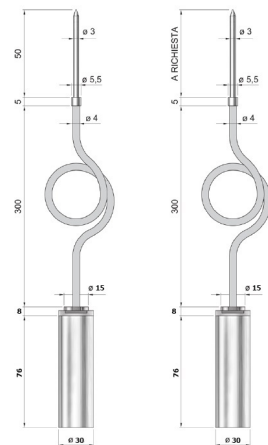# WIRELESS HIGH TEMPERATURE DATA LOGGER
S-Radio Flexible

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, Phamaceutical, Healthcare, Medical, Laboratories, Validation

Drawing

unit : mm

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 : Strainless steel AISI316L, PEEK
Operate system : Windows 10, 11 (32/64 bit)
Exporting : PDF, Exel
Dimension : 76 x Φ30 mm (Body), 6 x Φ15 mm (Probe base), 300 x Φ4 mm (Probe Flexible)
Weight : 92g
Pressure resistance : 6 barG
Protection type : IP68

Ordering code

S-Radio Flexible ☐

50 : Probe length 50 mm
XX : Probe length 10...175mm

Application

| Autoclave | Sterilization process | pasteurization process | Oven/Retort |

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

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tecnosoft
WE DELIVER DATA

WIRELESS HIGH TEMPERATURE DATA LOGGER
S-Radio Flexible

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 downoaded 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 te 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 additon 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.

WIRELESS HIGH TEMPERATURE DATA LOGGER
S-Radio Flexible

Accessories (option)

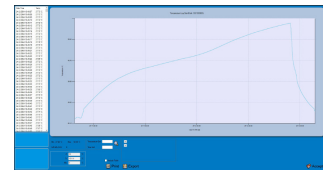These are necessary equipments that using with products and increase efficiency.

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.