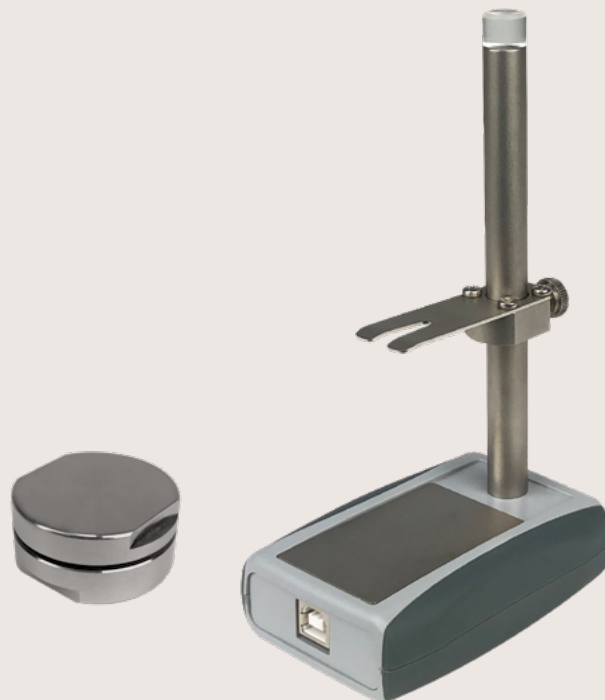


**TEMPERATURE DATA  
LOGGER KIT WITH  
CONNECTION BASE  
AND SOFTWARE**  
**BDL-DISK3618**

TEMPERATURE MONITORING INSIDE  
POUCHES, TRAYS AND OTHER  
CONTAINERS

ACCESSORIES



# Temperature data logger kit with connection base and software



## APPLICATION

- + TEMPERATURE MONITORING INSIDE POUCHES, TRAYS AND OTHER CONTAINERS DURING THERMAL PROCESSING
- + VALIDATION OF AUTOCLAVES AND HEATING EQUIPMENT

## Features

### TEMPERATURE DATA LOGGER

- High accuracy and precision.
- Temperature monitoring during sterilization and pasteurization.
- Compact data logger in disk format made of AISI-316L stainless-steel.
- Food-grade quality and water resistant.
- Automatic lethal value calculation ( $F_0$ , Z, and N).
- Not necessary to open the temperature data logger for PC connection; just place on connection base.
- Compatible with use of multiple data loggers simultaneously.
- Battery can be replaced by user.
- The temperature data logger can also be purchased separately with the reference: **DLDISK3618**

### CONNECTION BASE

- Easy to use.
- Allows communication between temperature data logger and management software installed in a PC.
- Used for programming the temperature data logger and downloading cycle data.
- LED status indicator.
- Shows battery status in software when data logger is connected.
- Includes USB cable for connecting to a PC.
- Easily export data in .CSV format. Exported data is ISO compliant and non-editable.
- The connection base can also be purchased separately with the reference: **BDLISK**

## Using the temperature data logger and connection base



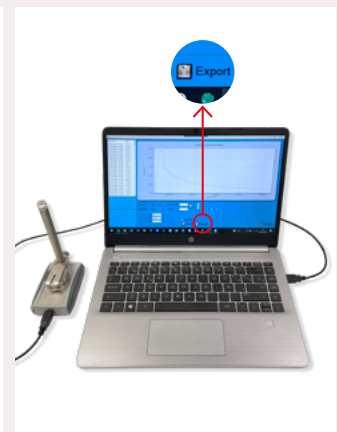
**1.** Connect the data logger to the connection base, and connect the latter to a PC. Download and install the free software to start recording data by clicking on "Start".



**2.** Insert the data logger into a sample and seal it.



**3.** Insert sample with the data logger into the autoclave along with the other containers and start the thermal processing cycle.



**4.** Upon completion of cycle, recover the data logger from the sample and insert on the connection base again while the latter is connected to a PC. Using the software, view on screen and/or export data obtained during cycle.

## Technical Data



Kit reference

**BDL-DISK3618**

Reference	<b>DLDISK3618</b>	<b>BDLDISK</b>
<b>Name</b>	Temperature data logger	Connection base
<b>Exterior dimensions</b> mm	Ø x H: 36 x 18	L x D x H: 60 x 95 x 175
<b>Weight</b> g	80	120
<b>Body materials</b>	Stainless steel AISI 316 L	Stainless steel and plastic
<b>Temperature range</b> °C	-20 - 140	
<b>Accuracy</b> 25 °C - 140 °C	±0.2	
<b>Resolution</b> °C	±0.2	
<b>Water tightness</b>	IP68	
<b>Max pressure</b>	10 bar	
<b>Acquisition time range</b> hh:mm:ss	00:00:01 - 01:00:00	
<b>Average battery life</b>	Approx. 2 years*	
<b>Connection base</b>	Not included (necessary for PC connection)	Included
<b>USB cable</b> 1.8 m long	Not included (necessary for PC connection)	Included
<b>SPD Software</b>	Free	Free

\*In working conditions of -20 °C, battery life decreases dramatically.

+ info

YouTube



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Descubre más información sobre nuestras autoclaves en nuestro canal de Youtube



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