



# HOBO® U12-015

## STAINLESS STEEL TEMPERATURE DATALOGGERS

- Food Processing
- Autoclaves
- Environmental
- Water Baths

Two waterproof data loggers with food grade 316L stainless steel bodies rated at 2200 psi for applications where obtaining high accuracy temperature data under arduous conditions is critical.

The stainless steel body is small enough to pass through the neck of an average beverage bottle and will withstand process conditions from pasteurisation to flash freezing or washing making the loggers ideally suited to a number of difficult measurement applications in the process and service industries.

Model U12-015 has a sealed stainless steel body.

Model U12-015-02 has a sealed stainless steel body fitted with a 5" x 0.16" stainless steel needle probe.



### Specification:

**Measurement Range:** -40°C to +125°C

**Resolution:** 12-bit 0.02°C at 25°C

**Drift:** 0.05°C/yr + 0.1°C/1000 hrs above 100°C

**Accuracy:** ±0.22°C at 25°C

**Response Time in water:** 3.5 mins to 90%

**Memory:** 64K (43,000 12-bit measurements)

**Pressure Rating:** 2200 psi

**Battery:** Typically 3 year life. Factory Replaceable

**Construction:** 316L Stainless Steel with food grade O-ring seal

**Communication:** Direct USB interface

**Dimensions/Weight:** 17.5 x 101.6 mm / 74.5g

### Ordering Information:

Stainless Steel Logger

Stainless Steel Logger with Needle Probe

### Part No.

U12-015

U12-015-02

HOBOWare PRO Software for Windows/MAC

HOBOWare LITE Software for Windows/MAC

O-Ring Replacement Kit:

Factory Replacement Battery:

BHW-PRO-CD

BHW-LITE-CD

U12-015-ORING-KIT

FRB-U12-015

### U12-015

Sealed Stainless Steel waterproof, pressure rated body

### U12-015-02

Sealed Stainless Steel waterproof, pressure rated body with Needle Probe



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