HOBO U12 Stainless temperature data loggers are ideal for food, pharmaceutical, autoclave, and other applications where high-accuracy temperature data is critical. They can withstand process conditions from pasteurization to flash freezing and washdown.

Key Advantages:

- High-accuracy, extended temperature range
- Suitable for high pressure applications to 2200psi
- Fast readout via direct USB interface

Memory:	43,000 measurements
Sample rate:	1 second to 18 hours, user-selectable
Battery life:	3-years (typical)—factory-replaceable CE

Temperature Measurement

range:	-40° to 125°C (-40° to 257°F)
Accuracy:	± 0.25°C from 0° to 50°C (0.45°F from 32° to 122°F)
Resolution 12 bit:	0.02°@ 25°C (0.04°@ 77°F)
Response time:	U12-015: 10 minutes (to 90% in airflow of 1 m/s)
	U12-015: 3.5 minutes (to 90% in water)

HOBO U12 Stainless Temperature Logger
U12-015
101.6 x 17.5 mm diameter
(4.0 x 0.69 in diameter)

U12-015-02: 2.25 minutes
(to 90% in airflow of 1m/s)
U12-015-02: 20 seconds
(to 90% in water)

HOBO U12 Stainless Temperature Logger 5 inch Probe
U12-015-02
12.4 x 0.4 cm diameter
(4.9 x 0.16 in diameter)

NIST-traceable temperature accuracy certification available. (See page 72).

Complete system requires logger and software.

Ordering Information
Data Loggers
HOBO U12 Stainless Temperature Logger   U12-015
HOBO U12 Stainless Temperature Logger 5" Probe   U12-015-02
Software
HOBOware Pro Software (Windows/Mac)   BHW-PRO-CD
Optional Communications
HOBO U-Shuttle*   U-DT-1
Requires HOBOware Pro software, see page 52 for details. HOBOware includes USB interface cable

HOBOware Software is available for download via the web. Visit onsetcomp.com for details.

Supplied in Australia by Instrument Choice
Call our scientists on 1300 737 871
www.instrumentchoice.com.au

Data Loggers/ Indoor Environments