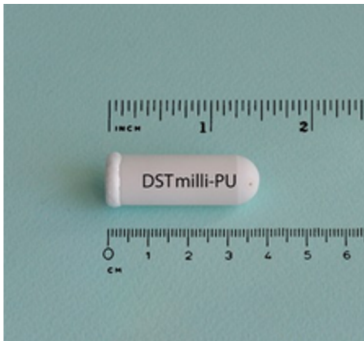


DST milli-PU

Temperature Pressure Sensors Pasteurization Logger

Small and economical bottle and can data logger. Monitor temperature, pressure and pasteurization inside the container without an external device.



Key features

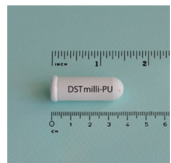
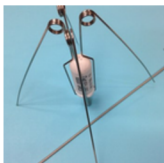
- Small size – fits easily inside a bottle or can
- Bracket keeps logger in optimal position
- Closed system monitoring - No external device
- Monitor throughout the process without interruption

Required accessories

Communication box, FoodStar Windows software.

Optional accessories

Spider bracket, Bottle/Can tray.



Technical specifications

Sensors	Temperature and pressure
Size (Diameter x Length)	15 mm x 40 mm
Minimum Diameter	14.5 mm
Maximum Diameter	15.5 mm
Housing Material	Alumina (Ceramic)
Weight (in Air/in Water)	12g/7g
Temperature Range	Choose between: 0-68°C (32°F to 154°F) and 0-85°C (32-185°F)
Temperature Resolution	0.032°C (0.058°F)
Temperature Accuracy	+/-0.2°C
Temperature Response Time	Time constant (63%) reached in 12 sec.
Pressure Range	0.06 - 10 bar*
Pressure Resolution	0.003 bar (for 10 bar pressure range)
Pressure Accuracy	+/-0.1 bar (for a 10 bar pressure range)
Pressure Response Time	Immediate
Pressure Tolerance	Max 20 bar, if using the 10 bar calibrated sensor*
Memory Type	Non-volatile EEPROM
Memory Capacity	43,584 measurements per sensor
Memory Increase Option	Available upon request
Measurement Interval	User specified in second(s), minute(s), or hour(s)
Minimum Measurement Interval	1 second
Multiple Intervals Option	Up to 7 different intervals
Response Time	Temp. time constant of 12 sec.
Data Retention	25 years
Clock	Real time clock. Accuracy +/-1 min/month.
Communications	Communication Box, wireless transmission when DST sits in the box. Connection to PC: USB cable.
Attachment Hole	0.9 mm (diameter)
Corrosive Resistance	>3.5 pH value**
Battery Life	18 months***
Replaceable Battery	No

*Other ranges available upon request.

**Use in acidic beverages at <3.5 pH value voids the warranty.

***For sampling interval of 10 minutes, temperature and pressure recorded simultaneously.

Warranty: 3 months.

Specifications may change without notice.