



## Summary

The Junior Autoclave Logger is a special product that can withstand high temperature and pressure environments to +150°C at 5 Bar for 30 minutes. Primary intended use is the qualification of Autoclaves used for sterilisation, but it is also suitable for measuring any high temperature applications not exceeding the specifications. The product is supplied with a stub probe that registers the environment temperature from +25 to +150°C, and an internal temperature sensor for monitoring of logger internal temperature conditions and prohibiting reprogramming of logger until internal temperature has returned to 40°C. Despite the immersion rating the battery is user replaceable.

## Accessories

Item	Product Code	Description
Interface and Software	JA-INT	Sit-on PC interface for programming and data download
Interface Adapter	JA-INT-SSC	Sit-on adapter connecting Autoclave logger to standard PC interface
Start Magnet	JA-KEY	Start magnet in form of key ring

## Specification of standard configuration

Endurance Ratings (starting from 25°C)	Rated Autoclave @ 150°C, 5bar: 30 minutes Typical Oven (Dry Heat) @ 150°C: 60 minutes Oven (Dry Heat) @ 125°C: constant operation, provided temperature never exceeds 125°C
Temperature Measuring Range	External sensor +25 to +150°C, accuracy +/-0.5°C, resolution 0.5°C
Temperature Measuring Response	T90 of less than 4 minutes for temperature probe in moving air for external sensor
Memory	2,000 samples
Data Recovery	Download via PC interface and IBM compatible PC
Software	ESCORT Console for Windows®, operating systems Windows 98 or later required. The software is available free on <a href="http://www.EscortDLS.com">www.EscortDLS.com</a>
Recorder Start-Up	Programmed time and date or magnet swipe
Time and Date	Real time clock, accuracy better than 40 seconds per month at ambient.
Sampling Frequency	5 seconds to 255 minutes
Size	Ø65mm, height 43mm, probe height 25mm and probe diameter 4.5mm
Weight	345 grams
Case Material	316 Stainless Steel and PEEK high temperature resin
IP Rating	IP68 tested to 5 bar.
Storage Temperature	0 to +125°C
Power Source	User replaceable high temperature lithium battery
Typical Battery Life	1 year, depending on frequency of PC communication
Warranty	24 months, excluding batteries

**ESCORT Data Logging Systems reserve the right to change the specifications without notice.**