



MonoLog 2

Version High Temperature Autoclave Logger

Product Code MLTACXZY2



The Autoclave logger is a special product that can withstand high temperature and pressure environments to +150°C/5 Bar for 30 minutes, 150°C for 60 minutes in dry heat and indefinite operation at +125°C. Primary intended use is the qualification of Autoclaves used for sterilisation but is also suitable for measuring any high temperature applications not exceeding the specifications below. The product is supplied with a stub probe that registers the environment temperature from +25°C 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. Battery is user replaceable.

SPECIFICATIONS (standard configuration)

Temperature Range	-25°C to +150°C
Endurance Ratings	Rated autoclave @ 150°Cm 5bar:30 minutes Typical oven (dry heat) @ 150°C:60 minutes Oven (dry heat) @ 125°C@indefiniye (depending on battery life) provided temperature never exceeds 125°C
Memory	2000 Readings
Accuracy & Resolution	±0.5°C Avg. Res. 0.5°C
Sensors	External sensor used for sampling environment under test Internal sensor measuring range of 1/150°C used for diagnostic purposes only
Storage Temperature	0/125°C
Elongated Temperature probe sensor time	T90 of less than 4 minutes for temperature probe in moving air
Time & Date	Real time clock, accuracy better than 40secs per month at ambient
Battery Type & Life	User Replaceable high temperature Lithium Battery, 1 year battery life depending on use
Data recovery	Interface and IBM compatible PC
IP rating	IP68 tested to 5 bar
Sampling Rate	5 to 59 seconds or 1 to 255 minutes
Case Material	316 Stainless steel & PEEK high temperature resin
Weight	345g
Size	Ø65mm, Ht 43mm, probe height 50mm and probe Ø4.5mm
Software	MSWARE, console STD, console PRO operating Windows 3.1, 95,98 and NT onwards
Recorder start up	Programmed time & date or magnet swipe
Warranty	12 months (excluding batteries)
LCD Optional	None

ACCESSORIES

Software	MLSWARE	Monolog 2 Software disk for windows
Interface	MLLINK	PC Interface
Adapter for connection to Standard interface	MLLINKACAD	Connects Autoclave logger to standard interface

TECHNICAL DATA