

MXP Dry Ice

- Plug & Play auto PDF Dry Ice Logger
- Large LCD display with multi-functional viewing
- Option of internal or external sensor
- Visual and audible alarm option
- Wide temperature range (dry ice, frozen, refrigerated, ambient, and hot)
- Accuracy $\pm 0.35^{\circ}\text{C}$
- Customizable external sensor lengths and probe styles



CERTIFICATIONS



21 CFR
Part 11



ISO
9001:2015

Product Specifications *(continued on back)*

Logger	
Product Code	MXPD-M5, MXPD-M8, (-EXT, with external sensor)
Memory Options	8K, 7872 readings (with pdf only) 5K, 4992 readings (with pdf & csv)
Program Interval	20 seconds to 10 days
Time Accuracy	± 1 hour per year
Sensors	Internal or external
Resolution	0.1 $^{\circ}\text{C}$ / 0.1 $^{\circ}\text{F}$
Sensor Response Time	Internal sensor – T90 of 12 minutes in moving air; External sensor – T90 of 5 minutes
LCD Operation Range	--80 to +85 $^{\circ}\text{C}$ / -112~185 $^{\circ}\text{F}$ for INT -85 to +85 $^{\circ}\text{C}$ / -121~185 $^{\circ}\text{F}$ for EXT
Alarm Threshold Configuration	4 thresholds: HIGH-HIGH; HIGH; LOW; LOW-LOW
Alarm thresholds with LED visual	Red LED: HIGH / HIGH-HIGH Blue LED: LOW / LOW-LOW Green LED: OK
Other LEDs	Orange (2): for Status & USB
Push Buttons	2 buttons with different activities (Refer to key's functions table)
Thermometer Option	Yes, Press F1 /START anytime to check current temp / Place Bookmark
Preprogram Option	User programmable
Start Option	Push Button, by Software/App (with Start Delay)
Auto Restart	No
Start Delay	Yes (20sec to 18hr)
Stop Option	Push Button, by Software, Memory Full

Product Specifications *(continued from front)*

Logger	
Size	110x75x22 mm
Weight	~38 grams (Excluding Battery)
Case Material	PVC
Battery	User replaceable 3.6V ½AA lithium battery
IP Rating	Internal Sensor IP66; External Sensor IP65
Warranty	2 year excluding battery
Calibration	NIST traceable upon request
Accuracy Certificate	Yes
Other Certification	ISO9001:2015, CE, RoHS
Shelf Life	6 months (depending on usage)
Interface	USB
Software	UltraConsole
Default File Format	MXL, PDF & CSV*

Logger	
Larger Memory Capacity	TBA
Audio buzzer	Audio buzzer for event notification
LCD	High Detail, multifunctional LCD screen
Double Capacity Battery	2 pack 7.2V/3 pack 10.8V ½AA lithium battery for longer life
External sensor Length	Customized length, 1m -20m length

Push Button Timings

Buttons	Short press (1 sec)	2~3 sec	Over 3~5 sec
START	Bookmark	LCD Always ON/OFF	Start Logging
STOP	Date/ time/ statistics/ temp. thresholds	Switch Temp unit °C/°F	Stop Logging
START + STOP	RF Toggle ON/OFF	Hardware Test	-



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