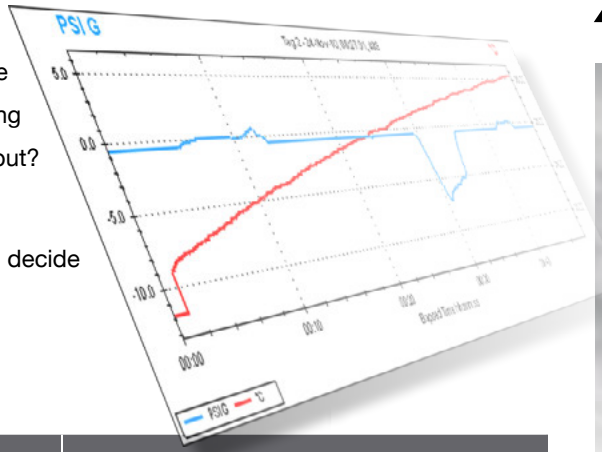
AMETEK®
SENSORS, TEST & CALIBRATION

Product Comparison

XP2i & nVision



Recording pressure is not a “one size fits all” situation. How fast does the recording rate need to be? How long is the duration of the test? Are you looking to catch spikes? Do you need a secure, tamper-proof document as the output? What is the temperature? Do you also need to record temperature?

The chart below factors in these questions and many more to help you decide which Crystal recording device is perfect for you.

What’s the Difference

	XP2i	nVision
Logging Rate	1 per second	10 per second
Capacity	32 000 data points	1 million data points
Number of Simultaneous Inputs	1	2
Inputs	Pressure	Pressure, Temperature, Signal
Graphical Display	No	Yes
Save Data As	.xls, .txt	.xls, .txt, tamper proof .pdf
Pressure Accuracy	0.1% of reading, 0.05% of FS, or 0.02% of FS	0.025% of reading, 0.05% of reading
Temperature Accuracy	—	0.015% of reading + 0.02 ohms
Current/Voltage Accuracy	—	0.015% of reading + 0.002 mA/VDC
Operating Temperature	-10 to 50°C (14 to 122°F)	-20 to 50°C (-4 to 122°F)
Battery Life	1500 hours, 1 year with ULP Mode	200 hours, 60 day with ULP Mode
Numbered Screens for Procedures	No	Yes
Excel Graph Limit	64 000 data points	64 000 data points *
Software Used	DataloggerXP	CrystalControl
Recording Modes	Actual, Average, Average with Peaks, On Demand, Actual - Ultra Low Power Mode	Actual
Secure Document Export	No	Yes
Export During Recording	No	Yes
View Graph While Recording	No	Yes—On display or through softare

* Except with .pdf option.