

XP3i vs. XP2i Comparison

AMETEK STC is pleased to announce the latest evolution in our XP Series of pressure gauges. The new XP3i features improved accuracy, an increased temperature compensated range, Bluetooth communication, a massive increase in data logging capacity and features, communication with our new mobile application, and much more. We are confident that the new XP3i will continue as the gauge of choice for operators in every industry, and that the new features will present more opportunities to simplify and improve your work.

What's the Difference

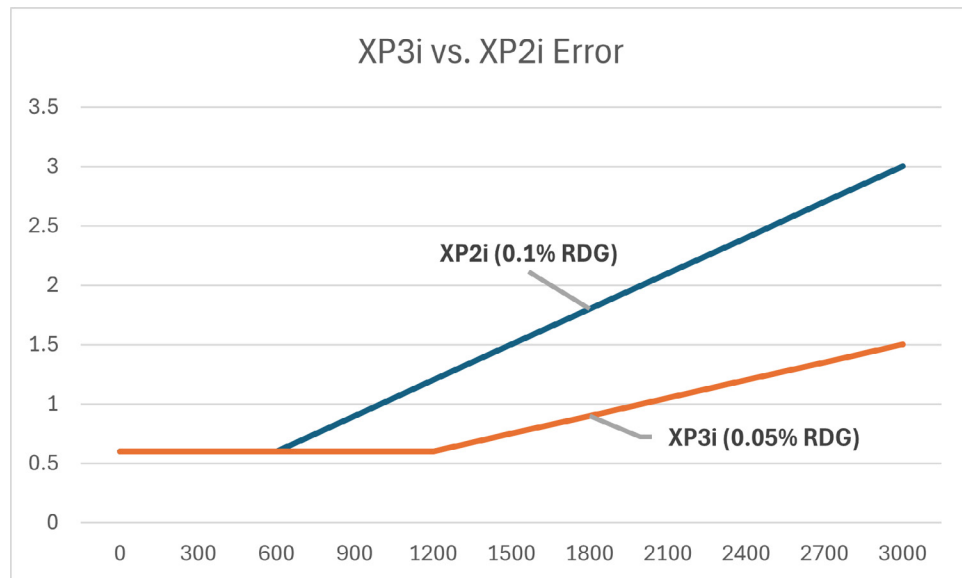
	XP3i	XP2i
Pressure Range	15 000 psi/1000 bar	15 000 psi/1000 bar
Of Reading Accuracy - 1 Year	± 0.02% Full Scale (0 to 40% of Range) ± 0.05% of Reading (40 to 110% of Range)	± 0.02% Full Scale (0 to 20% of Range) ± 0.1% of Reading (20 to 110% of Range)
Of Scale Accuracy - 1 Year	± (0.02%) or ± (0.05%) of Full Scale	± (0.02%) or ± (0.05%) of Full Scale
Temperature Compensated Range	-20 to 50°C (-4 to 122°F)	-10 to 50°C (14 to 122°F)
Battery Life	1500 hours, typical	1500 hours, typical
Digital Interface	USB Type C	RS232, DB-9F
Bluetooth Communication	Yes	No
Comm. with CrystalControl Mobile App	Yes	No
ATEX, IECEx, and CSA Intrinsic Safety	Yes	Yes
Drop Test Rated	Yes (MIL-STD-810H)	Not Rated
Improved User Interface	Yes	-
Improved Backlight	Yes (Brighter / Increased Contrast)	-
Larger Display	Yes	-
Optional Protective Boot	Yes (Intrinsically Safe and Static Dissipative)	Yes (Not Intrinsically Safe)
Optional Datalogging	Yes	Yes
Data Capacity	Over 200 million points	32 000 points
Fastest Logging Interval	5 times per second	1 per second
Cloud Reporting Solution	Yes (crystalcontrolweb.com)	No
Start and Stop via Mobile App	Yes (CrystalConnect)	No
Export to .xls, .pdf, and tamper-proof .pdf	Yes	Yes
Edit graph axis in software	Yes	No
Edit graph colors in software	Yes	No
Print a subset of data from the software	Yes	No



Note: XP2i is compatible with DataLoggerXP software for managing logged data and ConfigXP for gauge configuration. XP3i uses CrystalControlWeb for both.

Accuracy Comparison

At 0.05% of reading, the standard XP3i is twice as accurate as the XP2i. In addition, the 0.02% of FS section of the accuracy extends out to 40% of the range, compared to 20% on the XP2i. The result is a more accurate gauge throughout the range.



The XP3i is also available in two % FS models. The graph below adds the two XP3i FS models and one 0.1 % FS competitive model.

