

RANGE & RESOLUTION TABLE

P/N	Range (bar)	Over-pressure	Display Resolution									
			bar	mbar	kPa	MPa	psi	in H ₂ O	in Hg	mm Hg	mm H ₂ O	kg/cm ²
1BAR	1	6.5 x	0.0001	0.1	0.01	0.00001	0.001	0.01	0.001	0.01	1	0.0001
2BAR	2	3.0 x	0.0001	0.1	0.01	0.00001	0.001	0.01	0.001	0.1	1	0.0001
7BAR	7	2.0 x	0.0001	0.1	0.01	0.00001	0.01	0.1	0.01	0.1	1	0.0001
20BAR	20	2.0 x	0.001	1	0.1	0.0001	0.01	0.1	0.01	1		0.001
30BAR	30	2.0 x	0.001	1	0.1	0.0001	0.01	1	0.1	1		0.001
70BAR	70	2.0 x	0.001		0.1	0.0001	0.1		0.1			0.001
140BAR	140	2.0 x	0.01		1	0.001	0.1		0.1			0.01
200BAR	200	1.5 x	0.01		1	0.001	0.1		0.1			0.01
300BAR	300	1.5 x	0.01		1	0.001	0.1		1			0.01
700BAR	700	1.5 x	0.01		1	0.001	1					0.01
1KBAR	1000	1.3 x	0.01		1	0.001	1					0.01

CPF Adapter Fitting is not included.

ORDERING INFORMATION*

P/N	Model	Dual Display	Accuracy	Adapter Type	Connection Location	Data logging
	XP2I					
Standard:	No ..(omit)		0.1% of reading..(omit)	NPT(omit)	Bottom(omit)	No(omit)
Optional:	Yes....-DD		0.02% of FS-S2	G 1/4 B-BSP	Back-RP	Yes..... -DL
			0.05% of FS-S5	M20x1.5 ..-M20	Panel Mount ..-F4	

SAMPLE PART NUMBERS

- 20BARXP2I 20 bar standard gauge, with a 1/4" NPT pressure fitting.
- 300BARXP2I-S2-BSP-DL 300 bar gauge with 0.02% of FS accuracy, a 1/4" BSP pressure fitting, and Data logging.
- 700BARXP2I-DD-GWX-W 700 bar Dual Display gauge with a System G pump system and a waterproof carrying case.

Ordering a Pump System Only

Any pump system, carrying case, and connection fittings for an XP2i pressure gauge may be ordered separately from the gauge. Enter XP2I-NONE followed by the Pump System part number and the Carrying Case option code.

SAMPLE PART NUMBER

XP2I-NONE-BHX-W System B pump system with a waterproof carrying case.

* BAR versions available in USA direct from factory only.

Pump System*	Carrying Case~
No Pump.... (omit)	
System A.... -AXX	Aluminum ... (omit)
System A.... -AHX	Waterproof..... -W
System B.... -BXX	
System B.... -BHX	
System C.... -CXX	
System C.... -CHX	
System D.... -DOX	
System D.... -DWX	
System E.... -EOX	
System F.... -FOX	
System F.... -FWV	
System G.... -GOX	
System G.... -GWX	
System H.... -HOX	

~ The Waterproof Case is an option for Systems A, B, and C only.

The Waterproof Case is the only option for Systems G and H.

AMETEK offers a variety of solutions for pressure generation and measurement. Our line of products for pressure generation includes everything from small pneumatic hand pumps to a precision, hydraulic pressure comparator capable of generating up to 15 000 psi / 1000 bar / 100 MPa.

All of our pumps may be ordered as part of a Pump System, complete with an XP2i and delivered in a sturdy carrying case with custom insert.

* Refer to the following page for a more detailed description of each pump system.

