ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

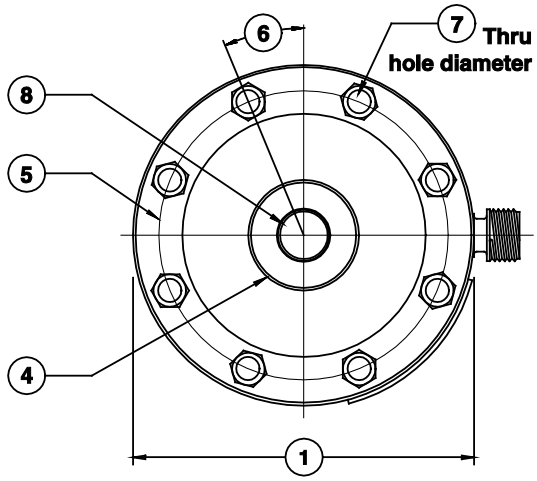
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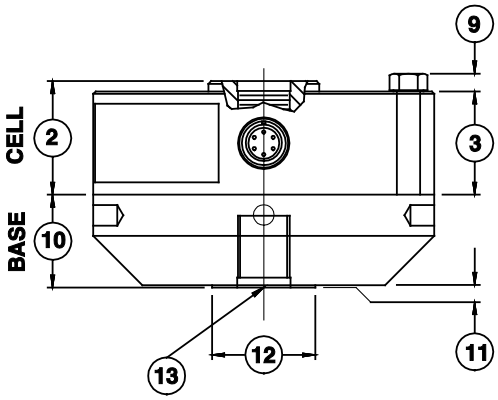
Find the *Interface Advanced Force Measurement 1210BXH-1K* at our website: ***Click HERE***

1200 Standard Load Cell (U.S . & Metric)

- Proprietary Interface temperature compensated strain gages
- Performance to .04%
- High output – to 4 mV/V
- Eccentric load compensated
- .0008%/°F (.0015%/°C) temp. effect on output
- Low deflection
- Shunt calibration
- Barometric compensation
- Tension and compression
- Compact size







DIMENSIONS

See Drawing	MODEL					
	1210		1220		1232	
	CAPACITY					
	U.S. (lbf)	Metric (kN)	U.S. (lbf)	Metric (kN)	U.S. (lbf)	Metric (kN)
	300, 500, 1K, 2K, 5K, 10K,	1.5, 2.5, 5 10, 25, 50	25K, 50K	100, 250	100K	450
	inch	mm	inch	mm	inch	mm
(1)	4.13	104.8	6.06	153.9	8.00	203.2
(2)	1.38	34.9	1.75	44.5	2.50	63.5
(3)	1.25	31.7	1.63	41.4	2.25	57.2
(4)	1.34	34.0	2.65	67.3	3.76	95.2
(5)	3.50	88.9	5.13	130.3	6.50	165.1
(6)	22.5°	22.5°	15.0°	15.0°	11.25°	11.25°
(7)	0.28	7.10	0.41	10.4	0.53	13.5
	8 places		12 places		16 places	
(8)	5/8-18 UNF-3B	M16 x 2-4H	1 1/4-12 UNF-3B	M33 x 2-4H	1 3/4-12 UN-3B	M42 x 2-4H
	1.12 deep	28.4 deep	1.40 deep	35.6 deep	2.15 deep	54.6 deep
(9)	0.20	5.10	0.30	7.60	0.40	10.2
(10)	1.13	28.6	1.75	44.5	2.00	50.8
(11)	0.03	0.80	0.03	0.80	0.03	0.80
(12)	1.25	31.8	2.25	57.2	3.00	76.2
(13)	5/8-18 UNF-3B	M16 x 2-4H	1 1/4-12 UNF-3B	M33 x 2-4H	1 3/4-12 UNF-3B	M42 x 2-4H
	.87 deep	22.1 deep	1.40 deep	35.6 deep	1.75 deep	44.5 deep

interface
ADVANCED FORCE MEASUREMENT
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SPECIFICATIONS

PARAMETERS	MODEL			
	1210	1210	1220	1232
	CAPACITY			
U.S. Models (lbf)	**300, 500, 1K, 2K**	**5K, 10K**	**25K, 50K**	**100K**
Metric Models (kN)	**1.5, 2.5, 5, 10**	**25, 50**	**100, 250**	**450**
ACCURACY – (MAX ERROR)				
Static Error Band–% FS	±0.04	±0.04	±0.04	±0.06
Nonlinearity–% FS	±0.04	±0.04	±0.04	±0.05
Hysteresis–% FS	±0.03	±0.04	±0.05	±0.06
Nonrepeatability–% RO	±0.01	±0.01	±0.01	±0.01
Creep, in 20 min–%	±0.025	±0.025	±0.025	±0.025
Side Load Sensitivity–%	±0.25	±0.25	±0.25	±0.25
Eccentric Load Sensitivity–%/in	±0.25	±0.25	±0.25	±0.25
TEMPERATURE				
Compensated Range–°F	15 to 115	15 to 115	15 to 115	15 to 115
Compensated Range–°C	-10 to 45	-10 to 45	-10 to 45	-10 to 45
Operating Range–°F	-65 to 200	-65 to 200	-65 to 200	-65 to 200
Operating Range–°C	-55 to 90	-55 to 90	-55 to 90	-55 to 90
Effect on Zero–%RO/°F – MAX	±0.0008	±0.0008	±0.0008	±0.0008
Effect on Zero–%RO/°C – MAX	±0.0015	±0.0015	±0.0015	±0.0015
Effect on Output–%RO/°F – MAX	±0.0008	±0.0008	±0.0008	±0.0008
Effect on Output–%RO/°C – MAX	±0.0015	±0.0015	±0.0015	±0.0015
ELECTRICAL				
Rated Output–mV/V (Nominal)	2.0	4.0	4.0	4.0
Excitation Voltage–VDC MAX	20	20	20	20
Bridge Resistance–Ohm (Nominal)	350	350	350	350
Zero Balance–% RO	±1.0	±1.0	±1.0	±1.0
Insulation Resistance–Megohm	5000	5000	5000	5000
MECHANICAL				
Safe Overload–% CAP	±150	±150	±150	±150
Deflection @ RO–inch	0.001	0.002	0.002	0.003
Deflection @ RO–mm	0.03	0.05	0.05	0.08
Optional Base–P/N (Metric)	B101 (M)	B102 (M)	B103 (M)	B112 (M)
Natural Frequency–kHz	3.9, 5.0, 6.9, 9.8	6.6, 9.4	6.5, 7.0	5.8
Weight–lb	1.5	3.3	9.5	26
Weight–kg	0.7	1.5	4.3	11.8
Connector	PC04E-10-6P	PC04E-10-6P	PC04E-10-6P	PC04E-10-6P
Calibration	T & C	T & C	T & C	T & C

OPTIONS

Base (recommended)
Compression Overload Protection
Integral 10 ft Cable
Bayonet Connector
Multiple Bridge
Standardized Output
Connector Protection
Transducer Electronic Data Sheets (TEDS)

ACCESSORIES

Mating Connector
Instrumentation
Loading Hardware

STANDARD CONFIGURATIONS

10 ft Integral Cable (12xxAJ-nn)
<or> PC04E-10-6P Standard Connector (12xxAF-nn)
<or> PT02E-10-6P Bayonet Connector (12xxACK-nn)
Installed Base (-B suffix)



Shown with optional base

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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