



ICX SERIES ION CHAMBER LISTINGS

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-SERVING THE MEDICAL X-RAY FIELD SINCE 1969-

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ICX SERIES ION CHAMBER LISTINGS

We currently offer about 200 different ion chamber models. The specifications of many of our chambers are available on our website (www.aidxray.com). With a few exceptions, these models are grouped in the number series shown in the following table.

ICX Series	AEC Compatibility	Field Select Signals	Start Integrating Signal	Output Signal
ICX000	Toshiba	Not Applicable A-B-C = 1-2-3	Not Applicable	Positive DC Level
ICX100	AID, Acoma, Control-X, CPI, Electromed, Gendex, Sedecal-Innerscan, OEC, Summit Industries	Low-Active (0VDC) A-B-C = 2-1-3	Low-Active (0VDC)	Positive Ramp
ICX100R	GTR Labs	Low-Active (0VDC) A-B-C = 3-1-2	Low-Active (0VDC)	Positive Ramp
ICX200	GEHC	High-Active (15-24VDC) A-B-C = 1-2-3	High-Active (15-24VDC)	Positive Ramp
ICX300	Philips	High-Active (12VDC) A-B-C = 2-1-3	High-Active (12VDC)	Positive Ramp
ICX400	Fischer, Varian, RMS	High-Active (12VDC) A-B-C = 1-2-3	High-Active (12VDC)	Positive Ramp
ICX500	Hologic-Trex-Bennett	Low-Active (0VDC) A-B-C = 1-2-3	Low-Active (0VDC)	Negative Ramp
ICX600	Hologic-Trex-Continental, Keithley, Raytheon, Xonics	Low-Active (0VDC) A-B-C = 1-2-3	Low-Active (0VDC)	Positive Ramp
ICX700	Siemens	High-Active (15VDC) A-B-C = 2-1-3	Not Applicable	Positive DC Level
ICX800	Picker International	Low-Active (0VDC) A-B-C = 2-1-3	Low-Active (0VDC)	Negative Ramp
ICX900	Miscellaneous	As Required	As Required	As Required

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Current Ion Chamber Listings

The following tables list most of our current ion chamber models. Application details and basic dimensions for each of these models can be found in the following sections of this catalog. For more detailed specifications, please contact the factory.

Any style of ion chamber listed here can be configured for other AEC compatibilities. For example, if you required an ICX110 style ion chamber to be compatible with a Siemens AEC, we would create a new model ICX710. Please contact the factory for new models and custom model ion chambers.

Section	Compatibility
A	AID Compatible Ion Chambers
B	GEHC Replacement and Compatible Ion Chambers
C	Philips Replacement and Compatible Ion Chambers
D	Picker Compatible Ion Chambers
E	Siemens Replacement and Compatible Ion Chambers
F	Toshiba Replacement and Compatible Ion Chambers
G	Miscellaneous Ion Chambers
H	Spot Ion Chambers
I	Ion Chambers with Remote Pre-amps
J	Shimadzu Compatible Ion Chambers
K	5-Field Ion Chambers

Model	Section
ICX001	F, I
ICX022	F, I
ICX022S	I, J
ICX024	F, I
ICX026S	I, J
ICX040	F, I
ICX053	F
ICX055	F
ICX059	F
ICX062	F
ICX092	F
ICX100	A, H
ICX101	A, H
ICX110	A
ICX111	A
ICX118	A, I
ICX121	A, I
ICX122	A, I

Model	Section
ICX123	A, I
ICX124	A, I
ICX125	A, I
ICX126	A, I
ICX138	A, I
ICX140	A, I
ICX141	A, I
ICX142	A, I
ICX143	A, D
ICX144	A, D
ICX145	A
ICX146	A, I
ICX148	A
ICX149	A
ICX153	A
ICX155	A
ICX158	A, H
ICX159	A

Model	Section
ICX161	G, H
ICX162	A
ICX164	A, H
ICX165	A, H
ICX166	A, H
ICX167	A, D
ICX168	A
ICX169	G
ICX170	A
ICX171	A
ICX172	A, H
ICX173	A, H
ICX174	A
ICX175	A
ICX176	G
ICX177	A
ICX178	A, H
ICX179	A, H

Model	Section
ICX181	A
ICX182	G
ICX183	D
ICX184	A
ICX186	A, H
ICX188	A, H
ICX191	A
ICX192	A
ICX193	A
ICX194	A, H
ICX195	D, H
ICX196	A
ICX197	D
ICX198	A
ICX199	A, H
ICX200	B
ICX201	B, H
ICX202	B, H

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Model	Section
ICX210	B
ICX211	B
ICX212	B
ICX214	B
ICX215	B, H, I
ICX217	B
ICX218	B, I
ICX221	B, I
ICX222	B, I
ICX223	B, I
ICX224	B, I
ICX225	B, I
ICX246	B, I
ICX247	B, I
ICX248	B
ICX250	B, I
ICX251	B, I
ICX253	B
ICX254	B, I
ICX255	B
ICX258	B, H
ICX259	B
ICX262	B
ICX266	B
ICX274	B
ICX286	B, H
ICX292	B
ICX299	B, H
ICX301	C, H, I
ICX302	C
ICX302R	C
ICX304	C
ICX305	C
ICX305R	C
ICX310	C, H
ICX318	C, I
ICX321	C, I
ICX322	C, I
ICX324	C, I
ICX325	C, I
ICX346	C, I
ICX348	C
ICX353	C
ICX355	C
ICX359	C

Model	Section
ICX362	C
ICX374	C
ICX381	C
ICX390	C, I
ICX392	C
ICX410	G
ICX411	G
ICX419	G
ICX421	G, I
ICX422	G, I
ICX423	G, I
ICX424	G, I
ICX436	I, K
ICX446	G, I
ICX448	G
ICX459	G
ICX462	G
ICX477	G
ICX481	G
ICX492	G
ICX517	G
ICX521	G, I
ICX522	G, I
ICX523	G, I
ICX524	G, I
ICX546	G, I
ICX548	G
ICX553	G
ICX555	G
ICX559	G
ICX562	G
ICX570	G
ICX576	G
ICX577	G
ICX584	G
ICX592	G
ICX621	G, I
ICX622	G, I
ICX623	G, I
ICX624	G, I
ICX625	G, I
ICX640	G, I
ICX646	G, I
ICX648	G
ICX649	G

Model	Section
ICX653	G
ICX654	G, I
ICX655	G
ICX659	G
ICX661	A, G, H
ICX662	G
ICX692	G
ICX701	E
ICX722	E, I
ICX724	E, I
ICX725	E, I
ICX726	E, I
ICX738	E, I
ICX739	E
ICX740	E
ICX753	E
ICX754	E, I
ICX759	E
ICX801	H, D, I
ICX811	D
ICX818	D, I
ICX821	D, I
ICX822	D, I
ICX823	D, I
ICX824	D, I
ICX846	D, I
ICX848	D
ICX853	D
ICX854	D, I
ICX855	D
ICX859	D
ICX862	D
ICX874	D
ICX877	D
ICX890	D
ICX892	D
ICX904	A, I
ICX906	B
ICX907	A, H
ICX908	B
ICX909	A
ICX910	A
ICX911	B, I
ICX912	A, I
ICX914	A

Model	Section
ICX915	G
ICX917	A
ICX918	G
ICX920	C, H
ICX921	A, D, I
ICX922	B, I
ICX923	D, I
ICX924	G
ICX925	D, G
ICX926	A
ICX928	A, I
ICX929	A, H, I
ICX930	D, H
ICX931	A, H
ICX932	G
ICX935	A
ICX936	I, K
ICX937	B
ICX938	G, H, I
ICX939	A
ICX940	A, I
ICX941	B
ICX942	E, I
ICX944	A, I
ICX945	A, I
ICX947	G, I
ICX947A	A, I
ICX948	F, I
ICX949	B
ICX950	B, I
ICX951	B, I
ICX952	G
ICX953	G
ICX954	A, I
ICX955	A, I
ICX956	A, I
ICX957	A, I
ICX959	A
ICX960	A, I
ICX961	I, K
ICX964	I, K
ICX966	I, K
ICX967	B
ICX968	I, K
ICX969	A, I

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Model	Section
ICX970	A, I
ICX971	I, K
ICX972	A, H, I
ICX974	A, H, I
ICX975	A, I
ICX976	A, H
ICX978	J
ICX979	A, H
ICX981	I, K
ICX982	A, I
ICX983	A, I
ICX984	A
ICX985	A, I
ICX986	G, I
ICX987	G, I
ICX989	A, I
ICX990	A, I
ICX992	A, I
ICX995	A, I
ICX996	A, I
ICX997	B
ICX998	A, I
ICX1105	A, I
ICX1106	H, I
ICX1162	A
ICX1936	A, H, I
ICX1993	A, I
ICX1994	A, I
ICX2022	F, I
ICX2122	A, I
ICX2222	B, I
ICX2247	B, I
ICX2322	C, I
ICX2522	G, I
ICX2622	G, I
ICX2701	E
ICX2722	E, I
ICX2822	D, I
ICX2922	A, I
ICX2941	B
ICX2973	G, I
ICX3022	F, I
ICX3122	A, I
ICX3722	E, I
ICX3922	A, I

Model	Section
ICX3954	A, I
ICX3958	A, H, I
INX147	A, I
INX247	B, I

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Notes and Definitions:

AID Compatible

AID compatible means that the input and output signals will interface with Advanced Instrument Development, Inc's Expos-AID™ Automatic Exposure Control. This same configuration will also interface with Acoma, Control-X, CPI, Del Medical (Gendex), Electromed (EMD, Triton), OEC, Quantum Medical Imaging, Sedecal (Innerscan), Summit Industries, etc.

Non-AID Compatible

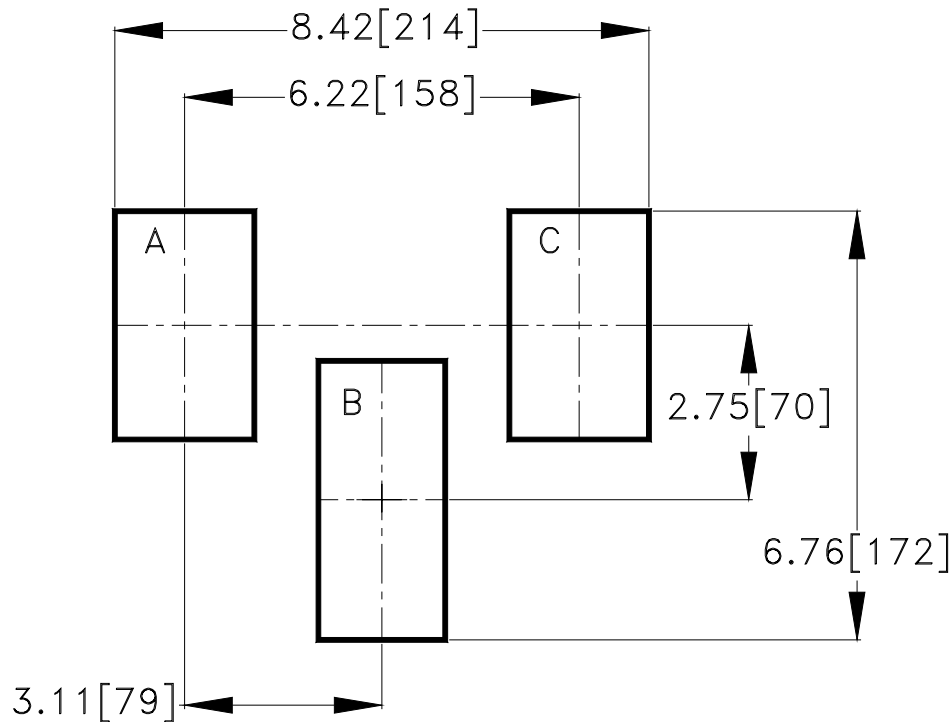
These chambers are designed for use with other manufacturer's automatic exposure controls such as Fischer, GEHC, GTR Labs, Philips, Picker, Toshiba, Trex, Siemens, etc.

Note:

Ion chambers using assemblies of the 61116, 61125, 61135, 61137 or 61141 pre-amplifier boards may be modified in the field using selectable jumpers to change the configuration from AID compatible to most non-AID compatible and back again.

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Standard 3-Field Ion-Chamber Field Spacing



Field sizes are A and C: 2.2 x 3.6 IN. (56 x 91mm)
 B: 2.0 x 4.4 IN. (51 x 112mm)

Field B is centered to the frame unless noted otherwise.

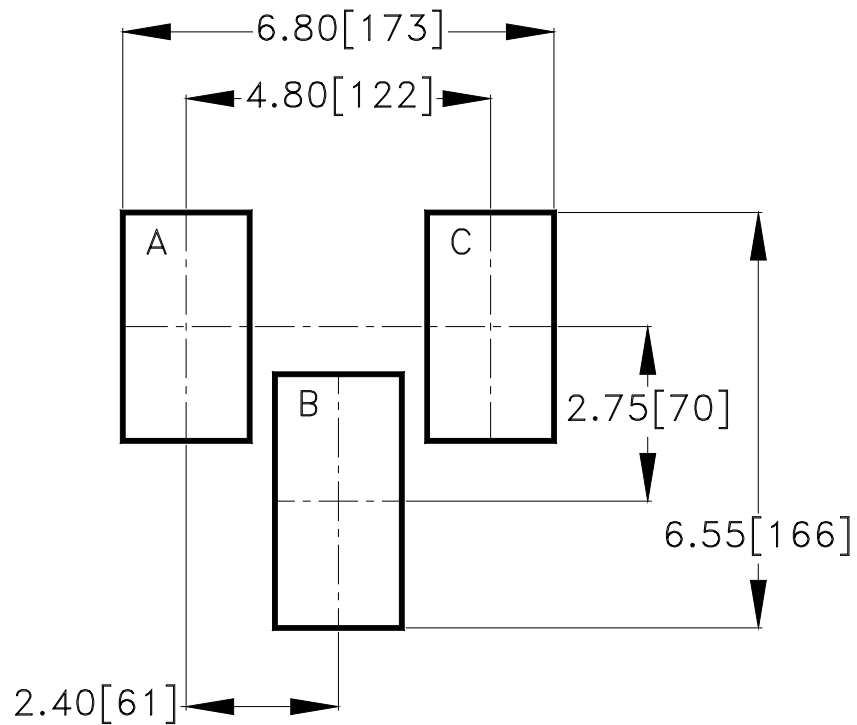
Spot fields sizes are 3 IN SQ.(76mm) unless noted otherwise.

Spot fields are centered to the frame unless noted otherwise

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Small-Stature 3-Field Ion-Chamber Field Spacing

Used on ICX141 and ICX142



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