



# ICX SERIES IONIZATION CHAMBER LISTINGS

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*-SERVING THE MEDICAL X-RAY FIELD SINCE 1969-*

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## ICX SERIES IONIZATION CHAMBER LISTINGS

We currently offer about 200 different ionization chamber models. The specifications of many of our chambers are available on our website ([www.aidxray.com](http://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 Ionization Chamber Listings

The following tables list most of our current ionization 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 ionization chamber listed here can be configured for other AEC compatibilities. For example, if you required an ICX110 style ionization 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 ionization chambers.

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

Model	Section
ICX122	A, I
ICX123	A, I
ICX124	A, I
ICX125	A, I
ICX126	A, I
ICX135	A, H
ICX136	A
ICX137	A
ICX137R	A
ICX138	A, I
ICX140	A, I
ICX141	A, I
ICX142	A, I
ICX143	A, D
ICX144	A, D
ICX145	A
ICX146	A, I

Model	Section
ICX148	A
ICX149	A
ICX153	A
ICX155	A
ICX158	A, H
ICX159	A
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

Model	Section
ICX173	A, H
ICX174	A
ICX175	A
ICX176	G
ICX177	A
ICX178	A, H
ICX179	A, H
ICX181	A
ICX182	G
ICX183	D
ICX184	A
ICX186	A, H
ICX188	A, H
ICX191	A
ICX192	A
ICX193	A
ICX194	A, H

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Model	Section
ICX195	D, H
ICX196	A
ICX197	D
ICX198	A
ICX199	A, H
ICX200	B
ICX201	B, H
ICX202	B, H
ICX210	B
ICX211L	B
ICX211R	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

Model	Section
ICX321	C, I
ICX322	C, I
ICX324	C, I
ICX325	C, I
ICX346	C, I
ICX348	C
ICX353	C
ICX355	C
ICX359	C
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
ICX485	G, I
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

Model	Section
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
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

Model	Section
ICX892	D
ICX904	A, I
ICX906	B
ICX907	A, H
ICX908	B
ICX909	A
ICX910	A
ICX911	B, I
ICX912	A, I
ICX914	A
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

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Model	Section
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
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	A, I
ICX987R	A, I
ICX989	A, I
ICX990	A, I
ICX992	A, I
ICX995	A, I
ICX996	A, I
ICX997	B
ICX998	A, I
ICX999	A, I
ICX1105	A, I
ICX1106	H, I
ICX1107	A, I
ICX1241L	B
ICX1241R	B
ICX1153	A
ICX1153R	A
ICX1154	A, I
ICX1159	A
ICX1162	A
ICX1192	A

Model	Section
ICX1192R	A
ICX1353	C
ICX1362	C
ICX1553	G
ICX1753	E
ICX1759	E
ICX1923	A, I
ICX1936	A, H, I
ICX1941	A, I
ICX1942	A, I
ICX1992	A, I
ICX1993	A, I
ICX1994	A, I
ICX1998	A, H, I
ICX1999	A, H, 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
ICX2941L	B
ICX2941R	B
ICX2973	G, I
ICX3022	F, I
ICX3102	A, I
ICX3122	A, I
ICX3322	C, I
ICX3722	E, I
ICX3922	A, I
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:**

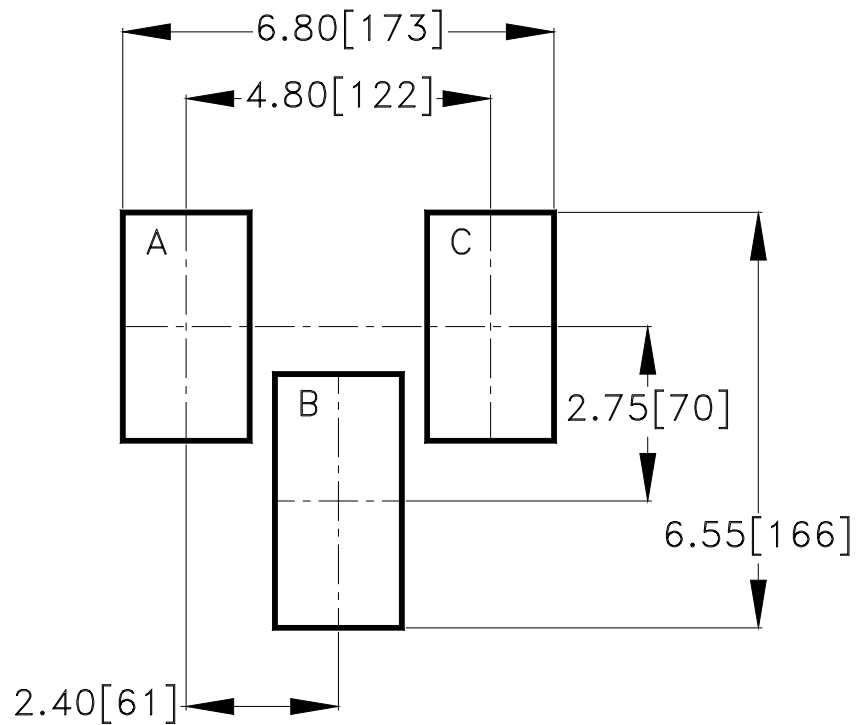
Ionization chambers using assemblies of the 61116, 61125, 61135, 61137, 61141, 61154 and 61170 pre-amplifier boards may be modified in the field using selectable jumpers to change the configuration from AID compatible to most non-AID compatible and back again.

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## Small-Stature 3-Field Ionization Chamber Field Spacing

Used on ICX141 and ICX142



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