

# Cavity Codes for Dosimetry Devices

CIRS offers a variety of dosimetry phantoms that accommodate common dosimetry probes (chambers, diodes, and other dosimeters). Solid plugs are also available to fill cavities not in use. When ordering a phantom for use with a probe, specify the exact probe you intend to use. If your probe is not listed below, CIRS will need the actual probe or the manufacturer's engineering prints

in order to provide a quote. The "Availability Column" is solely provided to identify phantoms that can mechanically accommodate specific probes. It is not an endorsement for use of any particular probe nor does it mean it is the most appropriate probe for use.

Manufacturers Model #	CIRS CV #	Availability (Model # or Series)
<b>Applied Engineering</b>		
C110	CV51-0	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
C134	CV50-3	Slabs
<b>Attix</b>		
449	CV51-6	Slabs
<b>Capintec</b>		
PR-05	CV53-5	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
PR-05P	CV53-5	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
PR-06C	CV50-7	062, 670, 700, Slabs
PR-06G (w/ cap)	CV50-6	062, 670, 700, Slabs
PR-06G	CV52-6	002, 008P, 009, 038, 062, 670, 700, Slabs
PS-033	CV50-8	Slabs
<b>Exradin**</b>		
A1/T1	CV54-5	002, 008A, 009, 036A, 062, 670, 700, Slabs
A1SL	CV53-1	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
A2/ P2/ T2	CV53-9	002, 008A*, 009, 036A, 062, 670, 700, Slabs
A10	CV54-9	Slabs (slab thickness is 1.4 cm)
A10 w/ cap	CV52-9	Slabs
A11/ P11/ T11	CV51-2	Slabs slab thickness is 1.7 cm (customer to provide serial number for proper CV code)
A12	CV51-3	002, 009, 062, 670, 700, Slabs
A12S	CV55-3	002, 008A*, 009, 036A, 062, 670, 700, Slabs
A14/ T14	CV54-4	002, 008A, 009, 036A, 062, 670, 700, Slabs
A14P	CV54-6	002, 008A, 009, 036A, 062, 670, 700, Slabs
A14SL	CV52-8	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
A16	CV54-0	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
A18	CV51-1E	002, 009, 062, 670, 700, Slabs
A19	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
A26	CV57-4	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
A28	CV57-0	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
W1 Scintillator	CV56-9	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
<b>Far West</b>		
IC18	CV56-1	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
<b>Fluke/ Invision/ Victoreen</b>		
30-344	CV51-1C	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
107325	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs

Manufacturers Model #	CIRS CV #	Availability (Model # or Series)
<b>Fluke/ Invision/ Victoreen (Cont.)</b>		
580-006-WP	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
550-6A	CV52-4	002, 008P, 009, 038, 062, 670, 700, Slabs
X-10	CV52-3	062, 670, 700, Slabs
<b>Multidata</b>		
233642	CV51-1C	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
233643	CV51-1C	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
<b>Nuclear Enterprise</b>		
2505/3A	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
2515/3A	CV51-7	002, 008A*, 009, 036A, 062, 670, 700, Slabs
2533/2533A	CV51-1A	002, 008A*, 008P, 009, 062, 670, 700, Slabs
2571/2571A	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
2577	CV51-7	002, 008A*, 009, 036A, 062, 670, 700, Slabs
2581/2581A	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
2611A	CV52-2	002, 008A*, 009, 036A, 062, 670, 700, Slabs
<b>Philips</b>		
60003	CV53-7	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
Diamond Detector	CV53-7	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
<b>PTW</b>		
23323	CV51-1D	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
23331	CV52-0	002, 009, 062, 670, 700, Slabs
23332	CV54-8	002, 008A*, 009, 036A, 062, 670, 700, Slabs
23333	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
23333 w/ cap	CV51-4	062, 670, 700, Slabs
23342	CV51-9	Slabs
23343	CV50-3	Slabs
23344	CV56-8	Slabs
233641	CV51-1B	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
30000	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30001	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30001 w/cap	CV50-2	062, 670, 700, Slabs
30002	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30002 w/cap	CV50-2	062, 670, 700, Slabs
30004	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30004 w/cap	CV50-2	062, 670, 700, Slabs
30006	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs

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Tissue Simulation & Phantom Technology

## DOSIMETER CAVITY CODES

Manufacturers Model #	CIRS CV #	Availability (Model # or Series)
<b>PTW (Cont.)</b>		
30009	CV55-7	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
30010	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30011	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30012	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30013	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
30015	CV52-0	Slabs
31002	CV51-1C	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31003	CV51-1B	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31005	CV51-1C	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31006	CV51-8	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31009	CV55-0	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31010	CV51-1C	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31011	CV51-1C	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31013	CV51-1B	002, 008A*, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31014	CV51-8	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31015	CV55-0	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31016	CV55-1	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
31018	CV56-0	002, 008A*, 009, 036A, 062, 670, 700, Slabs
34001	CV50-4	Slabs
34013	CV55-5	Slabs
34045	CV54-9	Slabs (slab thickness is 1.4 cm)
34070	CV56-7	Slabs
60008	CV55-4	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
60012	CV55-4	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
60016	CV56-6	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
60017	CV56-4	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
60019	CV57-1	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
<b>RADCAL</b>		
10x5-0.6	CV55-2	002, 009, 062, 670, 700, Slabs
10x5-3CT	CV55-2	002, 009, 062, 670, 700, Slabs
<b>Sun Nuclear</b>		
1118 Edge Detector	CV56-2	Slabs
SNC 125c	CV57-2	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
SNC 350p	CV57-3	Slabs
<b>Thompson Neilson/ Best Medical Canada</b>		
MOSFET Cavity (5 locations)	CV53-8	002
MOSFET Cavity (Single location)	CV57-5	008P, 009, 036A, 038, 062, 670, Slabs
MOSFET Cavity (Single location***)	Model 680	009, 062, 670, Slabs
MOSFET Cavity (Single location)	Model 70X-4	700
MOSFET Cavity (Single location)	Model 008A-05	008A

Manufacturers Model #	CIRS CV #	Availability (Model # or Series)
<b>IBA/ Scanditronix/ Welhofer</b>		
999702 DEB012-XXX Diode	CV54-7	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
CC01	CV53-3	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
CC04	CV53-6	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
CC08	CV53-2	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
CC13	CV53-2	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
DS31 Roos	CV53-0	Slabs
FC23	CV54-2	002, 008A*, 009, 036A, 062, 670, 700, Slabs
FC65	CV52-7	062, 670, 700, Slabs
FC65-G	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
FC65-P	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
IC04	CV53-6	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
IC10	CV53-2	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
IC15	CV52-5	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
IC28	CV54-2	002, 008A*, 009, 036A, 062, 670, 700, Slabs
IC3	CV52-1	002, 009, 062, 670, 700, Slabs
IC69	CV50-2	062, 670, 700, Slabs
IC70 w/cap	CV52-7	062, 670, 700, Slabs
IC70	CV50-1	002, 008A*, 009, 062, 670, 700, Slabs
NACP	CV59-9	Slabs
PPC-04	CV53-6	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
PPC-05	CV50-3	Slabs
PPC-05 w/cap	CV56-5	Slabs
PPC40 Roos	CV53-0	Slabs
PS-31 Roos	CV53-0	Slabs
RFD-3G Reference Field Detector	CV55-9	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs
SFD 3G Stereotactic	CV55-8	002, 008A, 008P, 009, 036A, 038, 062, 670, 700, Slabs

\*Due to the size and geometry of the tip of this chamber cavity, some inserts listed in this model's literature will not include the referenced embedded target. Any insert for which the embedded target would be obliterated or penetrated through by the dosimetry probe cavity will be replaced with an insert with the chamber cavity milled in this model's cavity insert background material instead. Contact Customer Service for details.

\*\* Extradin models may have various prefixes.

\*\*\* The Model 680 should be ordered only if user plans to use CV50-1 for one of the listed phantoms and would like to retrofit for use with single MOSFET. The Model 680 is a Farmer-type Chamber Plug (CV50-1) with a single cavity to accommodate a MOSFET.

