

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) |
|-----------------------------------|-----------|---|
| Applied Engineering | | |
| C110 | CV51-0 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| C134 | CV50-3 | Slabs |
| Attix | | |
| 449 | CV51-6 | Slabs |
| Capintec | | |
| PR-05 | CV53-5 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| PR-05P | CV53-5 | 002, 008A, 008P, 009, 036S, 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 |
| Exradin** | | |
| A1/T1 | CV54-5 | 002, 008A, 009, 036S, 062, 670, 700, Slabs |
| A1SL | CV53-1 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| A2/ P2/ T2 | CV53-9 | 002, 008A*, 009, 036S, 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, 036S, 062, 670, 700, Slabs |
| A14/ T14 | CV54-4 | 002, 008A, 009, 036S, 062, 670, 700, Slabs |
| A14P | CV54-6 | 002, 008A, 009, 036S, 062, 670, 700, Slabs |
| A14SL | CV52-8 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| A16 | CV54-0 | 002, 008A, 008P, 009, 036S, 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, 036S, 038, 062, 670, 700, Slabs |
| A28 | CV57-0 | 002, 008A*, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| W1 Scintillator | CV56-9 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| Far West | | |
| IC18 | CV56-1 | 002, 008A*, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| Fluke/ Invision/ Victoreen | | |
| 30-344 | CV51-1C | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 107325 | CV50-1 | 002, 008A*, 009, 062, 670, 700, Slabs |

| Manufacturers Model # | CIRS CV # | Availability (Model # or Series) |
|---|-----------|--|
| Fluke/ Invision/ Victoreen (Cont.) | | |
| 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 |
| Multidata | | |
| 233642 | CV51-1C | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 233643 | CV51-1C | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| Nuclear Enterprise | | |
| 2505/3A | CV50-1 | 002, 008A*, 009, 062, 670, 700, Slabs |
| 2515/3A | CV51-7 | 002, 008A*, 009, 036S, 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, 036S, 062, 670, 700, Slabs |
| 2581/2581A | CV50-1 | 002, 008A*, 009, 062, 670, 700, Slabs |
| 2611A | CV52-2 | 002, 008A*, 009, 036S, 062, 670, 700, Slabs |
| Philips | | |
| 60003 | CV53-7 | 002, 008A*, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| Diamond Detector | CV53-7 | 002, 008A*, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| PTW | | |
| 23323 | CV51-1D | 002, 008A*, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 23331 | CV52-0 | 002, 009, 062, 670, 700, Slabs |
| 23332 | CV54-8 | 002, 008A*, 009, 036S, 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, 036S, 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) |
|--|---------------|--|
| PTW (Cont.) | | |
| 30009 | CV55-7 | 002, 008A*, 008P, 009, 036S, 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, 036S, 038, 062, 670, 700, Slabs |
| 31003 | CV51-1B | 002, 008A*, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31005 | CV51-1C | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31006 | CV51-8 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31009 | CV55-0 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31010 | CV51-1C | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31011 | CV51-1C | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31013 | CV51-1B | 002, 008A*, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31014 | CV51-8 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31015 | CV55-0 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31016 | CV55-1 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 31018 | CV56-0 | 002, 008A*, 009, 036S, 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, 036S, 038, 062, 670, 700, Slabs |
| 60012 | CV55-4 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 60016 | CV56-6 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 60017 | CV56-4 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 60018 | CV58-0 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| 60019 | CV57-1 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| RADCAL | | |
| 10x5-0.6 | CV55-2 | 002, 009, 062, 670, 700, Slabs |
| 10x5-3CT | CV55-2 | 002, 009, 062, 670, 700, Slabs |
| Sun Nuclear | | |
| 1118 Edge Detector | CV56-2 | Slabs |
| SNC 125c | CV57-2 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| SNC 350p | CV57-3 | Slabs |
| Thompson Neilson/ Best Medical Canada | | |
| MOSFET Cavity (5 locations) | CV53-8 | 002 |
| MOSFET Cavity (Single location) | CV57-5 | 008P, 009, 036S, 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) |
|------------------------------------|-----------|---|
| IBA/ Scanditronix/ Welhofer | | |
| 999702 DEB012-XXX Diode | CV54-7 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| CC01 | CV53-3 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| CC04 | CV53-6 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| CC08 | CV53-2 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| CC13 | CV53-2 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| DS31 Roos | CV53-0 | Slabs |
| FC23 | CV54-2 | 002, 008A*, 009, 036S, 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, 036S, 038, 062, 670, 700, Slabs |
| IC10 | CV53-2 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| IC15 | CV52-5 | 002, 008A, 008P, 009, 036S, 038, 062, 670, 700, Slabs |
| IC28 | CV54-2 | 002, 008A*, 009, 036S, 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, 036S, 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, 036S, 038, 062, 670, 700, Slabs |
| SFD 3G Stereotactic | CV55-8 | 002, 008A, 008P, 009, 036S, 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.

