

CR-150-BOX-R5 aluminum housing for CR-150-R5 evaluation board: application guide

Box dimensions: height 1.4 in.; width 4.7 in.; depth 3.7 in.

The CR-150-BOX-R5 is a die-cast aluminum housing for the CR-150-R5 evaluation test board (see the application guide for the CR-150-R5 for more details). Using the CR-150-BOX-R5 will simply the task of electrically shielding the CR-150-R5 evaluation test board and the associated charge sensitive preamplifier (CSP) module.

Holes have been positioned on the CR-150-BOX in locations associated with BNC connector positions (detector bias, preamplifier output, and test pulser input) and power connector positions) on the CR-150 board. On the opposite side there is a mounted BNC connector for the 'detector input' connection.

The CR-150-BOX-R5 is shown in the photos below:



The CR-150-BOX-R5 is shown in this photo with the CR-150-R5 evaluation board and CSP module installed. These items are sold separately.

Detector bias voltage limitations

The CR-150-BOX comes with a BNC connector at the detector "input" location on the housing. This BNC connector has a voltage rating of 500V. If your bias requirements are in the range of 500V to 2000V you should consider the CR-150-BOX-R5-HV instead.

High voltage option: CR-150-BOX-R5-HV

If your bias requirements are in the range of 500V to 2000V, you should consider the CR-150-BOX-R5-HV. This housing is similar to that shown on the left except that SHV connectors are in the 'input' and 'bias in' positions.

The CR-150-BOX-R5-HV is shown in the photos below:

