

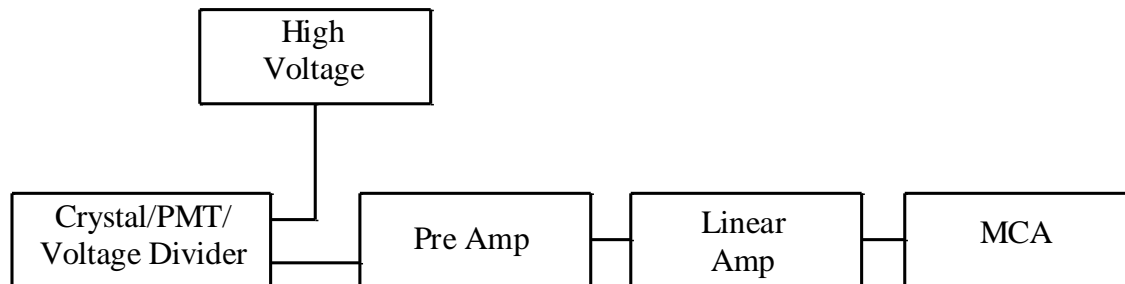
Alpha Spectra, Inc. Scintillation Detectors

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ASI Final QC Test Equipment Set Up

ASI uses state-of-the-art nuclear counting equipment to perform the final testing on all our detector shipments. This data sheet describes the testing configuration that we use for these tests. The final test apparatus consists of the basic spectroscopy counting system as shown in this figure.



We use the following equipment:

High Voltage: Ortec 556 High Voltage Power Supply

Photomultiplier (if required): ASI in-house standard, size varies

Voltage Divider (if required): ASI POB-14

Pre Amp: Ortec Model 113 Pre Amplifier

Linear Amp: Ortec 671 Linear Amplifier

MCA: Hardware-Ortec-Ametek Easy MCA. Software-Ortec Maestro.

ASI provides a data sheet for every detector that we ship.