

WebiSmarts System

WebiSmarts Coincidence Stack Monitoring System CAT: BAK-0328

Radiation Detection Division



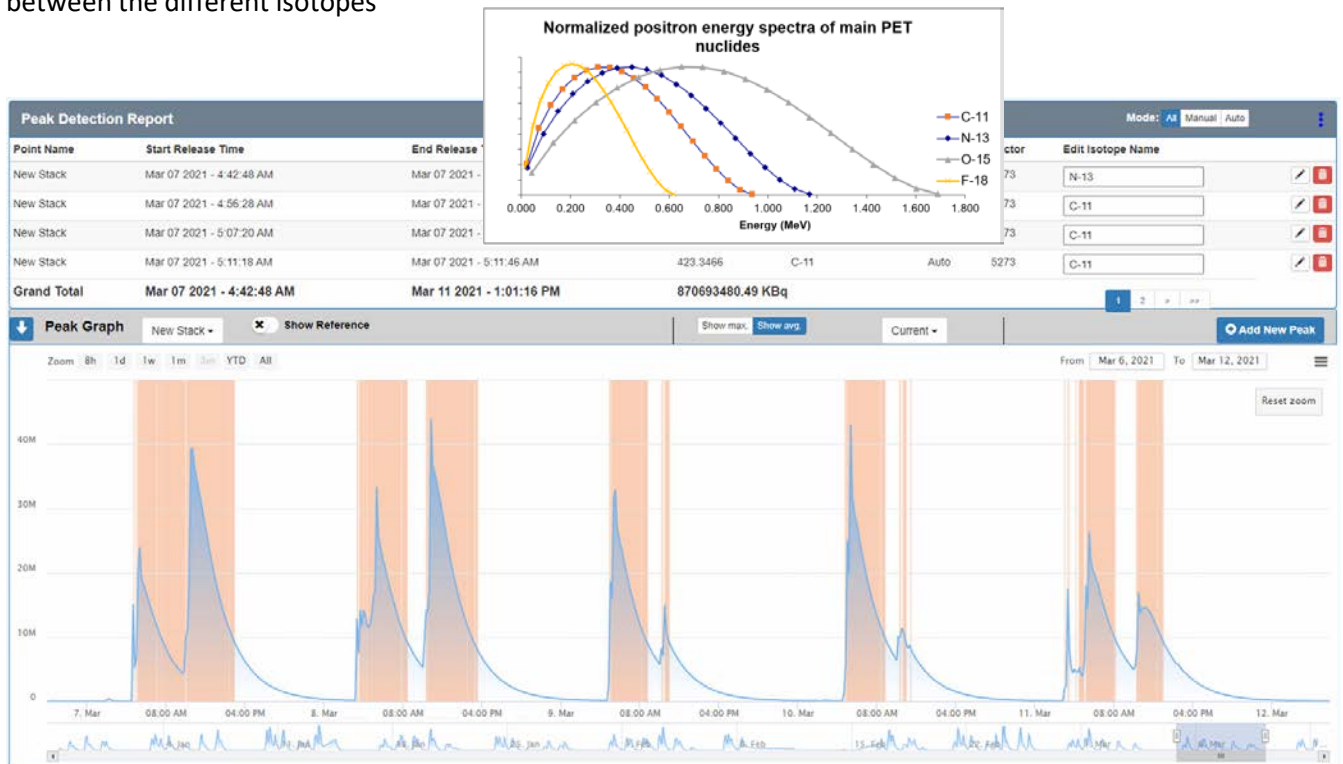
The Coincidence System comprises of a combination of two detectors operating in unison to detect very low emissions that occur only within the Exhaust Stack and provide online Isotope identification.

The system has been developed to be used in all new WebiSmarts installations as well as a retrofit option to existing MediSmarts owners.

Our standard PM-11M detector is enhanced with a plastic detector capable of detecting the presence of positrons within the confines of the exhaust stack thus providing a trigger (yes/no) to the WebiSmarts Software. The user will continue to see the historical graph of the PM-11 readings but only the emissions confirmed by the plastic detector will be highlighted as releases. The point on the map and the emissions report will display the sum of these highlighted releases.

The Emissions Report will display both the graph with its highlighted areas and a table of the Emissions. This report can be edited by users with a suitable access level.

The beta detector provides a unique capability of not only marking local releases but also identifying the isotope being released in real time. We have introduced 5 energy windows into the beta detector to differentiate between the different isotopes



The Coincidence Stack Monitoring Systems comprises of the following:



ROTEM INDUSTRIES reserves the right to change specifications without advance notice