

Some Issues related to Operation of RGAs at Cornell Electron Storage Ring

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The applications of RGA for on-line monitoring of vacuum performances of Cornell Electron Storage Ring (CESR) UHV system will be first described, followed by discussion of some practical issues related to the RGA operations. The issues include: (1) radiation damage and mitigation; (2) beam induced interferences; and (3) management of large volume of RGA data.