



## Stanford Research Systems

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### RGA Software Analog Scan File Format

#### Header

30 bytes - zero terminated string containing

"ANALOG\_RGA\_SCAN"

2 bytes - int StartMass

2 bytes - int StopMass

2 bytes - int PointsPerAmu

2 bytes - int Data points in one scan

10 bytes - zero terminated string containing Torr, mbar, etc

2 bytes - int noise floor used for measurements

2 bytes - BOOL CDEM state for measurements

each scan saved is simply appended at the end:

50 bytes - zero terminated date "mmm dd, yyyy hh:mm:ss"

n\*4 bytes - float array of actual data - length determined by number of data points above and sizeof(float)

The RGA program was written in MS Visual C++

There is no tail to the .ANA file. The program does not write the number of scans in the header. This can be calculated.