



Figure 1 Particle size distribution for 0.75 and 3 um PSL spheres using the OPC-R2 and the Alphasense software

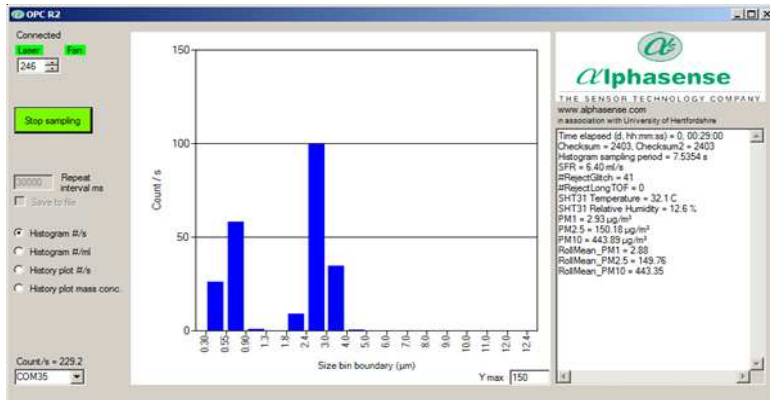


Figure 1 shows the OPC-R2 particle size distribution for the test aerosol.

Figure 2 Comparison of PM2.5 monitoring with TSI OPS 3330 and DustTrak instruments

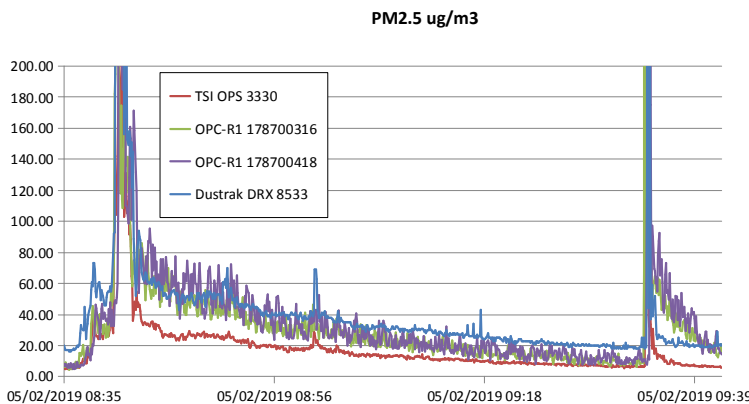


Figure 2 shows a comparison of PM2.5 monitoring by an OPCR series sensor and TSI OPS 3330 and DustTrak instruments. All are set at 5s averaging and are sampling the ambient air of a work shop, the raw 3330 data has been used to calculate a PM figure.

OPC-R2 performance at small particle sizes is improved over the OPC-R1. PM2.5 and PM10 performance are very similar.

Figure 3 Comparison of PM10 monitoring with TSI OPS 3330 and DustTrak instruments

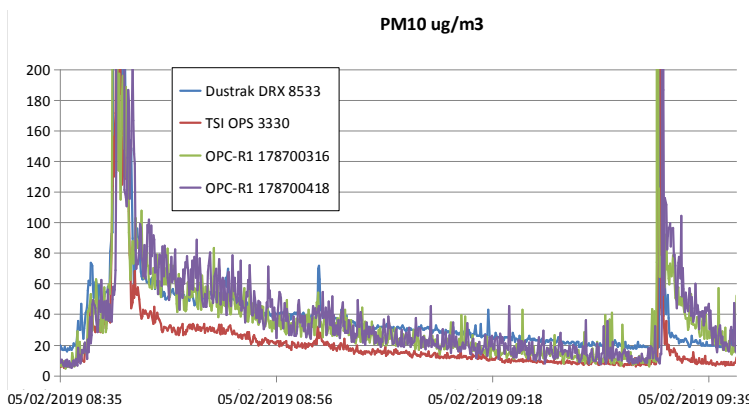


Figure 3 shows a comparison of PM10 monitoring by an OPCR series sensor and TSI OPS 3330 and DustTrak instruments.

All are set at 5s averaging and are sampling the ambient air of a workshop, the raw 3330 data has been used to calculate a PM figure.

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