**SMPS properties**

**Hardware Settings**

1. Classifier model 3080
2. DMA model 3081
3. Impactor type 0.071 cm
4. CPC model and flow rate 3010
5. td (s) 2.9

tf (s) 11.1

D50 1588

(nm)

1. DMA flow rate (lpm)

Sheath 2.0

Aerosol 0.2

1. Size range bounds (diameter)

Lower (nm) 19.1

Upper (nm) 898

1. Voltage Range (v)

11-9963

1. Scan time (s)

Up 120 Retrace 15

Scheduling

Sample

Scan Up(s) Retrace (s) scans per sample No. of samples Total sample time

(120 + 15) × 1 × 1 = 2 m 15 S

Scheduled only once Repeat every (non clicked)

0 hr 0 m

Start at time (non clicked)

0:0

**Physical properties**

Gas properties

Gas Viscosity (kg/(m2 s)) 1.8203e-005

Mean free path (m) 6.6500e-008

Particle density (g/cc) 1.2000

**Communications**

Available Ports Com port 1