Small measurement volume (diameter $d$ and length $l$)

- 100 m height:
  
  \[ d = 6 \text{ mm}, \quad l = 0.6 \text{ m} \]

- 200 m height:
  
  \[ d = 12 \text{ mm}, \quad l = 2.4 \text{ m} \]

All three wind vector components are measured by means of single particles