Rake Specification Check List

United Sensor will recommend the most economical and effective Rake design based upon the following information:

1. Type of measurements required
   Total Pressure
   Static Pressure
   Total Temperature
   Other (please specify)

2. Measurements of individual elements
   Individual Readout
   Averaged

3. Approximate Operating Conditions
   Maximum Temperature
   Maximum Velocity
   Minimum Velocity
   Flow angle variation ± ___ ° from axes of measurement impact holes
   Type of Fluid being measured

4. Size and shape of Flow Passage (please include sketch if irregular shape) showing desired points of cross section to be measured and type of measurement at each point.

5. Flange Size and Shape (sketch if necessary)

6. Maximum access hole size

6A. Flow passage wall thickness (sketch if necessary)

7. Take-off type size limits, and direction of take-off (if important)
   For pressure measurement
     Straight tubes (adequate for lower temperatures and pressures)
     Compression Fitting (Recommend for higher temperatures / pressures)

   For Temperature Measurement
     T/C extension wire
     T/C plug
     Other connector (please specify)

8. Type of readout (Manometer, Transducer, etc.)

United Sensor Corporation
3 Northern Boulevard, Amherst, NH 03031-2329
Tel: 603-672-0909 • Fax: 603-672-0037