



J & S Instruments, Inc.

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AS-105 TEMPERATURE PROBE DATA SHEET

The AS-105 Temperature Probe utilizes a Pt100 element with a 100 ohm European alpha curve of .00385. This is in turn immobilized in a closed end tube constructed of 304 stainless steel with dimensions of 6" long x 1/4" diameter. This sheath provides protection and stability for the transition from the lead wires to the element. The lead configuration provides one connection to one end and two to the other end of the sensor for a classic three wire construction commonly preferred for accurate temperature measurement. The three lead cable is insulated with PFA Teflon^R for the most rugged and highest weather integrity. The junction of the lead cable and the sheath is molded to offer a truly engineered package. The cable is six feet in length and has the leads stripped and tinned on the attachment end.

SPECIFICATIONS:

Sensor type:	RTD 100 ohm @ 0° C
Element curve:	00385 ohms/ohm/°C
Dimensions:	6" L x 1/4" dia.
Sheath:	304 SS w/ rounded end
Cable:	3 Wire, PFA Teflon, 6 feet long

The AS-105 Temperature Probe comes complete with a full one year warrant against defects in materials or workmanship.

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