

# Kiel probes



## Details

Kiel pressure probes are especially designed to measure the total pressure of a flow in case of a non-zero angle of attack, where with our design, the total pressure can be measured within an angle range of  $\pm 60^\circ$ . We manufacture Kiel probes as individual items or as rakes. With our additive manufacturing process, we are able to offer a high degree of individuality of Vectoflow probes to our customers.

## Specifications

Size	280mm, other length possible
Tip diameter min.	depending on the design
Material	stainless steel, titanium, inconel, high-temperature stainless steel
Fixture	tbd by customer
Connections	tbd by customer
Angle range/ Temperature range with less than 1° deviation of measured total temperature to real total temperature/td>	$\pm 60^\circ$
Velocity range	up to Mach 2
Temperature	up to 1000°C