

AEROSPACE, DEFENSE, AUTOMOTIVE AND MOTORSPORT TESTING

Kiel Rakes

Arbitrarily shaped Kiel probe arrays for bespoke flow mapping.

KEY SPECIFICATIONS

Measurement	Simultaneous total pressure at multiple points
Sensing elements	Kiel probes
Construction options	One-piece monolithic DMLS, or machined structure with M4 threaded-shaft Kiel probes
Geometry	Arbitrary; designed to your test article
Quotation	From your drawing
Temperature sensing	Ask our team about combining K-Tec thermocouples or RTDs with a rake

NOTES

Simultaneous total pressure measurement at multiple points. Construction is tailored to your needs, from one-piece monolithic DMLS to machined structures using Kiel probes with M4 threaded shafts.

Applications include wind tunnel boundary layer measurement, jet engine exhaust analysis, and vehicle testing. Custom rakes are quoted from your drawing.

TYPICAL APPLICATIONS

Wind tunnel boundary layer measurement. Total pressure profiles across a defined area.

Jet engine exhaust analysis. Compact, temperature-resistant rakes for engine diagnostics.

Vehicle testing. On-track Formula 1 testing and haulage truck road testing.

INTEGRATED SENSING AND SUPPORT FROM K-TEC SYSTEMS

K-Tec Systems manufactures custom thermocouples, RTDs, wire harnesses and test stands in Ferndale, Michigan. Thermocouples and RTDs can be incorporated into compatible probe designs for simultaneous flow and temperature measurement. Contact us for a quotation or an application review.

K-Tec Systems

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CAGE Code 4W0S0 | WBENC and WOSB certified woman-owned small business | CMMC Level 2

Specifications are manufacturer values and may change. Confirm configuration, material and lead time at quotation.