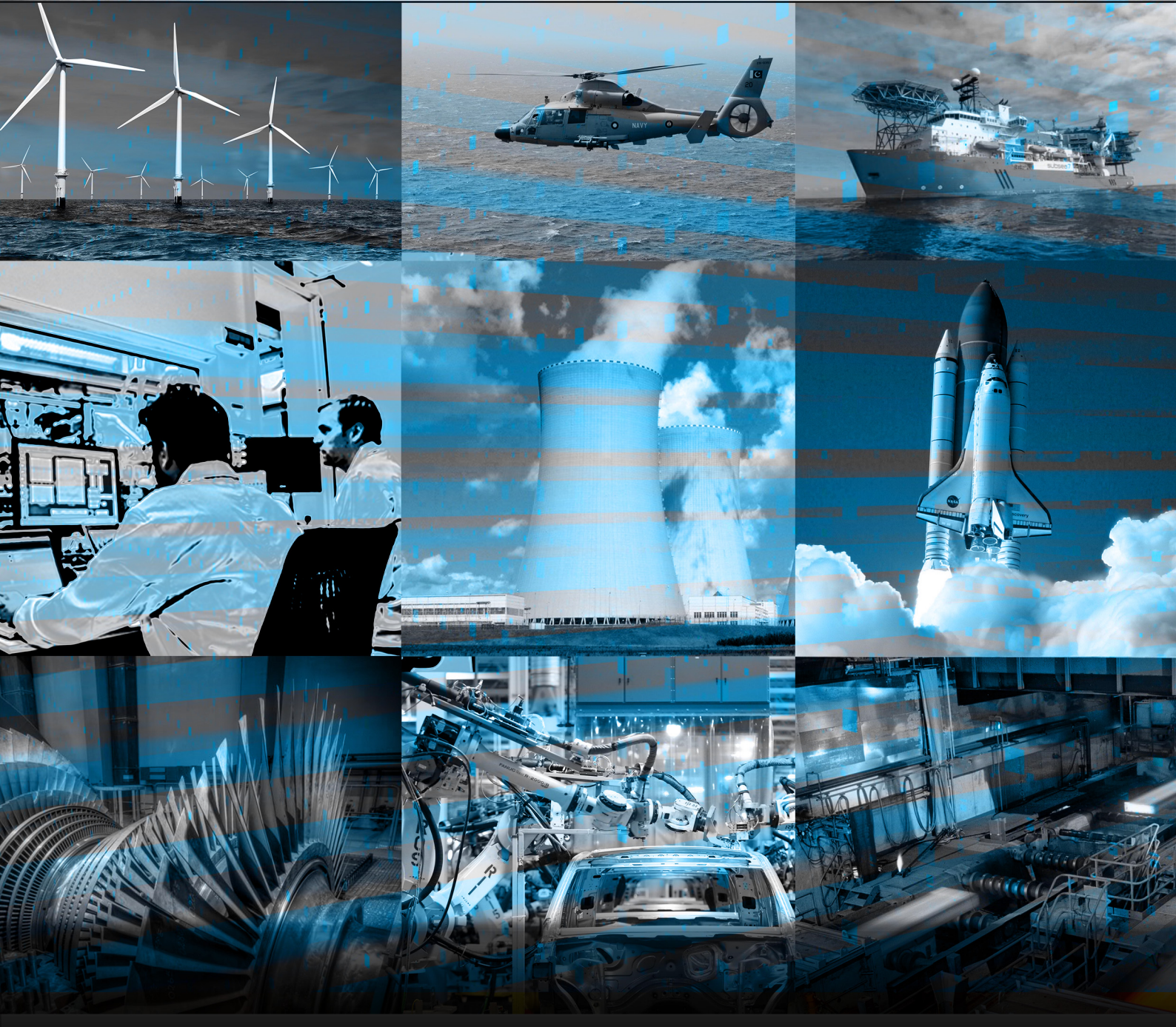


KAMAN

Precision Products / Measuring

SENSORS FOR DISPLACEMENT, POSITION, VIBRATION, ALIGNMENT, RUNOUT, TIP / TILT, THICKNESS



KAMAN

Precision Products / Measuring

Kaman Precision Products designs and manufactures a comprehensive line of High Precision Inductive Displacement Sensors for static and dynamic measurements in a wide range of industries including; aerospace, oil and gas, automotive, marine, industrial automation, semiconductor manufacturing, nuclear power, hydro-power, and many more.....

TEST & MEASUREMENT / OEM / CONDITION MONITORING / MACHINE CONTROL

Markets & Applications

Aerospace

- Fast Steering Mirror (FSM) Feedback for; Image Stabilization, Laser Pointing & Tracking, Laser Comm for Satellites and Aircraft
- Cryogenic Rocket Engine Pump Testing
- Aircraft Control Surface Monitoring
- Aircraft Assembly Positioning
- Satellite Robotic Arm Position

Automotive / Marine

- Drive Shaft Runout
- Camshaft Runout
- Rocker Arm Movement
- Component Fatigue Testing
- Engine Mount Vibration
- Engine Head Thermal Expansion
- Intake/Exhaust Valve Lift
- Turbocharger Shaft Runout
- Fuel Injector Pin Travel
- Oil film thickness
- Transmission shaft runout

Energy / Power Generation

- Pump Shaft Runout
- Compressor Seal Monitoring
- Magnetic Bearing Active Control
- Centrifuge Condition Monitoring
- Turbine Blade Tip Clearance
- Reactor Control Rod & Grid Vibration
- Reactor Seal Position
- Component Corrosion Testing
- Generator Rotor/Stator Clearance
- Air Damper Position

Industrial Automation

- Part Orientation
- Web Thickness
- Roll Gap Measurement
- Bearing Wear
- Condition Monitoring

Metal Working

- Engrave Head Position
- Thread Detection
- Spindle Deflection
- Weld Head Positioning
- Liquid Metal Level
- Part Flatness in Stamping Operations
- Sheet Thickness Monitoring
- Sheet Position in Galvenizing Bath

Semiconductor Manufacturing

- Air Bearing Drill Spindle Position
- Stage Positioning
- Production Equipment Calibration Tools

Test and measurement

- University Research
- Laboratory Testing
- Projectile Velocity Testing
- R&D Testing

Products

KD2446

General purpose Non-Linear Measurements

- Automotive Testing
- Metal Working

KD2306 / KDM8206 / DigiVIT

General Purpose Linear Measurements

- Automotive / Marine Testing
- Energy / Power Generation
- Industrial Automation
- Test & Measurement
- Machine Control

KD5100 / DIT5200L

Differential Measurements

- Aerospace - FSM position feedback
- Magnetic Bearing Active Control

SMT9700

High Resolution Measurements

- Semiconductor Equipment Stage Position
- University Research
- High Precision Machine Control

Extreme Environment

When no other Sensor will survive

- Energy / Power Generation
- Nuclear R&D
- Reactor Grid Vibration
- Cryogenic Rocket Pump Testing
- Subsea Pump Condition Monitoring



**Our company,
your solution**

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