

Instruments



Features

- EMI filter protection on all inputs and outputs.
- Lightning protection circuitry.
- 28 VDC power inputs have polarity reversal and transient voltage protection circuits.
- 28 VDC power inputs have a grounding area behind the bezel for case grounding to improve EMI protection.
- Five (5) Volts or 28 VDC power input is available for indicator lighting.

Instrument Types

- Electrical
- Engine
- Fuel
- Hydraulic
- Position
- Pressure
- System
- Thermal
- Transmission
- Utility
- Water



Description

40 years, Rogerson Kratos has been the leader in traditional aircraft instrumentation. Products on virtually every aircraft in the world, Rogerson Kratos continues to be selected as original equipment on new aircraft because of reliability and innovation.

Rogerson Kratos manufactures thousands of instruments for a variety of applications aboard transport, business jets and turboprop aircraft. We provide cockpit instrumentation systems measuring all engine, electrical and fluid parameters, aircraft position/trim and numerous system and environmental temperature levels.

Rogerson Kratos instruments stand out because of their unrivaled quality, superior reliability and service life. If that were not enough, Rogerson Kratos repairs and maintains its own equipment through in-house FAA/JAA licensed service centers.



Indicator Lighting Types

- NON LIT - Aircraft Post Lighting
- Integral - Spray (Flood, Splash, Hub, Wedge)
- Transilluminated (Backlit, Translucent)
- Replaceable bulbs - Front, Side
- Ring



Instruments



The **Position Instrument** Product Line consists of single and dual indicators. Dual function indicators with dual pointers include: Flaps, Flaps and Slats. These indicators and "black boxes", as all Rogerson Kratos' indicators, are configured to meet the specifications required for your aircraft needs.



The **Engine Instrument** Product Line contains a large variety of round and rectangular instrument products. The products are separated into five basic categories: Temperature, Torque, RPM, Engine Pressure Ratio, and Oil Temperature and Pressure. This selection of quality instruments will meet your requirements of up-to-date traditional engine instrumentation for all types of aircraft.



The **Fuel Instrument** Product Line contains a large variety of round and rectangular instrument products. The products are separated into various categories: Fuel Temperature and Pressure, Fuel Level, Fuel Flow, Fuel Quantity, and Fuel Used. Other fuel measurement systems can be designed to fit a specific need.



The **Hydraulic Pressure Indicator** provides an indication of hydraulic pressure over a circular scale for a nominal 0 to 4000 PSI dial range. Dual circular scale indicators are available. Hydraulic Pressure Indicators can be customized for any operation.



The **Dual Function Indicators** with dual pointers include: Pressure and Pressure/Temperature. The Temperature Instrument Product Line consists of the necessary temperature monitoring equipment as required for aircraft safety and comfort. This includes engine temperatures, fuel temperature, hydraulic oil temperature and peripheral items such as outside air temperature, cabin/cockpit temperature and battery temperature.



The **Electrical Instrument** Product Line consists of DC and AC Voltmeters, DC and AC Ammeters, Frequency Meters, and Watt meters. These indicators and "black boxes", as all Rogerson Kratos' indicators, are configured to meet the specifications required for your aircraft needs.



The **Fuel or Potable Water Quantity Measurement System** is an integrated system that includes the sensor, signal conditioner, level sensor (Fuel Systems) and the display. The Fuel Quantity can be displayed in the cockpit on either an indicator (electro-mechanical or LCD) or on an Engine Instrument Caution Advisory System (EICAS). Potable Water Quantity is typically displayed on an indicator.



The **Utility Instrument** Product Line consists of Mast Torque Signal Conditioners for helicopters, Potable Water Quantity Transmitters, Electrical Display indicators, Position indicators (such as flap position), and Valve Position (open or closed) indicators.



The **Transmission Instrument** is the common source of transmission system temperature and pressure information. By means of a dual-readout analog indicator face, the operator can readily discern the operational status of fluid in the aircraft transmission. This is critical data and perhaps even more so in the case of helicopters.



This **Water Quantity Indicator** is installed on the Boeing B747 aircraft to measure the quantity of Potable Water in the aircraft tanks. The level of water is determined by the sensor and converted to an electronic signal by the transmitter sent to the indicator.

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