

EIS 4000/6000

A complete engine monitoring system at an affordable price. The EIS Model 4000 starts with the most comprehensive EGT/CHT monitor available anywhere, and then adds every other engine monitoring function you need, and more! Utilizing a backlit, sunlight-readable display, the EIS provides user-programmable graphical and digital displays in a compact package. A host of other useful features and the scrutiny of the 62 alarms, add the final touches to make your flying a safe, satisfying and enjoyable experience.



Functions:

- 4 or 6 Exhaust Gas Temperatures*
- 4 or 6 Cylinder Head Temperatures*
- Tachometer
- Oil Temperature
- Oil Pressure
- 6 Auxiliary Inputs (user configurable) can provide:
 - Manifold Pressure (normally aspirated or turbo)
 - Fuel Pressure
 - Fuel Level (using capacitive or float-type sending units)
 - Fuel Flow (optional)
 - Return Fuel Flow (additional Fuel Flow software package and sender required)
 - Coolant Pressure
 - Ammeter
 - Ignition Advance, second voltmeter, rotor rpm, etc.
- Outside Air Temperature
- Voltmeter
- Carburetor Temperature
- Hour Meter
- Flight Timer with Interval Timer

Features:

- Comprehensive Leaning Functions – The best available at any price.
- EGT Tracking - Instantly reveals the source of roughness or other problems
- Alarms on all functions, most with upper and lower limits
- 2 User-defined Combination Screens
- 2 Graphical EGT/CHT Screens with user-programmable digital data
- User - selectable labels for auxiliary inputs
- Label/Data Flip-Flop identifies all data on combination pages
- Landing Checklist/Gear Reminder - Can be triggered by RPM or airspeed
- User-Selectable Units (Fahrenheit/Celsius & Gallons/Liters)
- Serial Output – Allows data recording using a laptop PC or interface to EFIS Graphical Engine Monitor.
- Serial Input – Provide for growth to interface with other system

Options that can be included in your EIS:

- EGT Span - Max difference between highest and lowest EGT
- EGT Max - Active only when above a specified RPM.
- EGT Min - Active only when above a specified RPM.
- EGT Cruise Mode High and Low Alarms - Alerts you to subtle changes in EGT after leaning
- CHT Shock Cooling - Max cooling rate

Specific models are available For 4, 6, and 9 cylinder engines including:

- Lycoming
- Continental
- Rotax
- Jabiru
- M-14P
- Subaru

(EIS supports virtually every type of engine used in experimental aviation. If yours is not listed, please call!)