

# ELECTRONICS INTERNATIONAL INSTRUMENTS



## ELECTRONICS INTERNATIONAL PANEL PACKAGES

**DELUXE PACKAGE** - Includes: 1. US-8: All EGT's, all CHT's, OAT, carb. Temp, 16 programmable upper limits, 16 programmable lower limits, 2 programmable differential limits and a programmable shock-cooling limit. 2. FP-5: Fuel flow, Rem, used time to empty, fuel pressure, 2 programmable low fuel limits, 1 programmable time to empty limit, programmable high and low pressure limits, programmable K factor, programmable fuel weight and programmable display for gallons or pounds. 3. R-1: RPM w/high warning, tach time and flight time. 4. M-1: Manifold pressure to .1" Hg. w/high warning. 5. OPT-1: Oil pressure and oil temperature w/high and low warnings. 6. VA-1A: Volts and amps with discharge and high voltage warnings. • Total pkg will fit in a 5" x 7.5" space with no external boxes. • Includes all probes, 6' cables, transducers, accessories and a free LED front panel intensity control pot. **CALL FOR SPECIAL PRICES**

**STANDARD PACKAGE** - Includes: 1. EAC-1: One channel of EGT, CHT and OAT. The EGT and CHT may be upgraded to an analyzer with the addition of a remote switch. 2. FP-5: Fuel flow, Rem, used, time to empty, fuel pressure, 2 programmable low fuel limits, 1 programmable time to empty limit, programmable high and low pressure limits, programmable K factor, programmable fuel weight and programmable display for gallons or pounds. 3. R-1: RPM w/high warning, tach time and flight time. 4. M-1: Manifold pressure to .1" Hg. w/high warning. 5. OPT-1: Oil pressure and oil temperature w/high and low warnings. 6. VA-1A: Volts and amps with discharge and high voltage warnings. • Total pkg will fit in a 5" x 7.5" space with no external boxes. • Includes all probes, 6' cables, transducers, accessories and a free LED front panel intensity control pot. **CALL FOR SPECIAL PRICES**



## SUPER CLOCK INSTRUMENTS

**ASC-5A** - Displays Local & Zulu Time in 12 or 24 hr format, Up & Down Timers w/ alarms, Altitude (as seen by ATC), and OAT. Several programmable alarms, including Assigned Altitude, Level Off, Deviation Alarm and an Approach Alarm + a recurring alarm to alert you at a programmable interval, for checking fuel. P/N 10-02914 ..... **\$483.00**

**SC-5** - Displays Local (12 or 24-hour format) & Zulu Time. 10-year Lithium battery keeps the clock running even if the a/c battery is removed. Displays an Up Timer, which starts running when the engine is started, acting as an automatic Flight Timer. The Up Timer may be started, stopped or reset. Recurring Alarm may be set to alert you at appropriate time intervals, e.g., if set for 30 minutes, there will be an alarm at 30 minutes, 60 minutes, 90 minutes, etc. Alarm can be used as a reminder to check fuel level or switch tanks at set time intervals. P/N 10-01612 ..... **\$289.00**



## FUEL LEVEL INSTRUMENTS

For TC holders, STC holders or Experimental Aircraft No STCs. FL-1CA Fuel Level Instrument. The FL-1CA is to be used w/ El's P-300C Capacitive Fuel Probe (custom order probe length from 6" to 20"). The FL-1CA features a 210 degree Arc of LEDs for an excellent "field of vision" reference and a Digital Display. Can display in gallons (one or one-half gallon increments), pounds or liters. Specifications: 2 1/4" Mount, 3.65" Depth, 10 Oz. Unit. Viewable in direct sunlight and Backlit for night operations.

| Model        | Description   | Part No.        | Price    |
|--------------|---|-----------------|----------|
| FL-1CA       | The FL-1CA is to be used w/ El's P-300C capacitive fuel probe (order from 6" to 20" long). 210 degree LED arc + a digital display. Can display in gallons (one or one-half gallon increments), pounds or liters. Specifications: 2 1/4" Mount, 3.65" Depth, 10 Oz. Unit, Viewable in direct sunlight and Backlit for night operations.  | 10-00386        | \$399.95 |
| FL-1RA-12/24 | The FL-2RA-12 designed to be used on a 12-volt system w/ resistive fuel probes. Features a 210 degree LED arc + a digital display. Max resistance between 90-270 ohms. Can display in gallons (one or one-half gallon increments), pounds or liters. Specifications: 2 1/4" Mount, 3.65" Depth, 10 Oz. Unit, Viewable in direct sunlight and Backlit.                                       | 12V<br>10-03209 | \$399.95 |
|              |   | 24V<br>10-00388 | \$394.00 |
| FL-2CA       | The FL-2 is a fuel level instrument featuring dual 90 degree LED arcs + a digital display. The FL-2 can display in gallons (one or one-half gallon increments), pounds or liters. Specifications: 2 1/4" Mount, 3.65" Depth, 10 Oz. Unit, Viewable in direct sunlight, Backlit, Operates from 7.5 to 35 volts at .3 amps.   | 11-03788        | \$394.00 |
| FL-2RA-12/24 | The FL-2 is a fuel level instrument featuring dual 90 degree LED analog displays and a digital display. The FL-2 can display in gallons (one or one-half gallon increments), pounds or liters. FL-2 Specifications: 2 1/4" Mount, 3.65" Depth, 10 Oz. Unit, Viewable in direct sunlight, Backlit, Operates from 7.5 to 35 volts at .3 amps. Please specify 12/24 volt at the time of order. | 11-03789        | \$398.00 |
| FL-2RA-24    |   | 11-07104        | \$389.95 |



## MVP-50T GLASS PANEL MULTI-FUNCTION DISPLAY

Replaces 15 engine gauges and 50 functions. Remarkable full-color, enhanced TFT Glass Display (excellent viewability, even in direct sunlight) Pilot-Programmable Colors, Range Markings, Limits and Voice Alarms (for each parameter monitored) "System Page" to display Trims, Flaps, Wheel Status Lights, and many other system parameters and annunciators. 27 Pilot-Customized Annunciators at the top of the "Main Page". Fuel Management, Timers, Clocks, Date, Weight & Balance. Data Recording (.33 - 6 min, 665 hours @ 6 seconds). Pilot-Customized Checklists and Flight Plans. General Info, Flight Log, Start Log, Max & Min Data. Pilot easily can generate Custom Screens and download them to the MVP-50P through the USB port. Help Screen, GPS Interface and Data, Fuel Efficiency, Fuel Used for the Trip, Fuel Used Since Fill Up, Time to Empty, Distance to Empty, Fuel to Way Point, Time to Way Point, Distance to Way Point, Fuel Reserve, Time Reserve, Distance Reserve, Up Timer, Down Timer, Flight Timer, Engine Hours, Cycles, Date, Local and Zulu Time. Other functions, such as Fuel Level, Gyro Vac, Hydraulic Pressure, etc., may be added by purchasing an appropriate probe & harness, or transducer, etc. See our Accessories, "Probes and Transducers" section on previous page. Using your current Resistive Fuel probes require our FFLM-4-XX to interface with the MVP-50T System. Torque, Oil Pressure & Temperature, Fuel Flow & Pressure, OAT, Amps, Volts, Multiple Fuel Screens, Pre-wired Harness, N1 and N2 hookups. Includes EDC (Engine Data Converter), cables and harnesses, transducers, shunt (for amps), USB Download/Upload Memory Stick, and our AV-17CP (Voice Warning Control Panel). Only 5.55"x 5.15"x 2.4" deep

| Experimental  | Description                         | Part No. | Price      |
|---------------|-------------------------------------|----------|------------|
| MVP-50T-PT6   | Pratt & Whitney PT-6 Turbo Prop Pkg | 10-03160 | \$6,175.00 |
| MVP-50T-W     | Walters Engine Turbo Prop Pkg       | 10-03161 | \$6,175.00 |
| MVP-50T-G     | Garrett Turbo Prop Pkg              | 10-03162 | \$6,175.00 |
| MVP-50T-L     | Lycoming Turbo Prop Pkg             | 10-03163 | \$6,175.00 |
| MVP-50T-A     | Allison Turbo Prop Pkg              | 10-03164 | \$6,175.00 |
| MVP-50T-J85   | General Electric J85 Jet Engine Pkg | 10-03165 | \$6,175.00 |
| MVP-50T-L39   | L39 Aircraft Pkg                    | 10-03166 | \$7,725.00 |
| Certified     | Description                         | Part No. | Price      |
| MVP-50T-PT6-C | Pratt & Whitney PT-6 Turbo Prop Pkg | 10-05090 | \$8,575.00 |
| MVP-50T-W-C   | Walters Engine Turbo Prop Pkg       | 10-05089 | \$8,575.00 |
| MVP-50T-G-C   | Garrett Turbo Prop Pkg              | 10-05091 | \$8,575.00 |
| MVP-50T-L-C   | Lycoming Turbo Prop Pkg             | 10-05092 | \$8,575.00 |
| MVP-50T-A-C   | Allison Turbo Prop Pkg              | 10-05093 | \$8,575.00 |
| MVP-50T-J85-C | General Electric J85 Jet Engine Pkg | 10-05094 | \$8,575.00 |
| MVP-50T-L39-C | L39 Aircraft Pkg                    | 10-05101 | \$8,575.00 |

### OPTIONAL INTERFACES AVAILABLE FOR PKGS LISTED ABOVE

|       |   |          |          |
|-------|---|----------|----------|
| -OPT  | Allows the MVP to provide Engine Data to an OP Technologies unit.                                   | 10-03169 | \$667.00 |
| -RTDO | Real-Time Data Out. Can be used to provide Telemetry Data for UAV's, racers and other applications. | 10-03168 | \$590.00 |

### ACCESSORIES

|                      |  |          |            |
|----------------------|--|----------|------------|
| USB-64               | USB Memory Stick, 64 MB or larger. Used to upload & download data to the MVP.  | 10-03186 | \$32.95    |
| CP-1-MVP             | LED Intensity Control Pot. External pot used to control the display intensity.   | 10-03211 | \$35.00    |
| EDC-33T              | Turbo Prop/Jet Engine Data Converter. Adding this second EDC to the MVP allows monitoring of additional temperatures, pressures, annunciators and other functions. | 10-03185 | \$1,639.00 |
| MVP-50T Display Head | May be used to display parameters in a second location. (display only)   | 10-03202 | \$3,550.00 |

## INSTRUMENTS FOR TURBOPROP AIRCRAFT



| Model       | Description  | Part No. | Price    |
|-------------|--|----------|----------|
| R-1-N1      | RPM INSTRUMENT, TSOd, PMAAd (no STCs). Digital 1% Resolution Display + 210 degree LED arc display with green, yellow and red LEDs. 2 1/4" Mount, 3.65" Depth, 10 Oz. Viewable in direct sunlight, Backlit, Operates from 7.5 to 30 volts @ .3 amps.  | 10-03249 | \$790.00 |
| R-1-N2      | RPM Instrument displayed in RPM. TSOd, PMAAd (no STCs). Digital 10 RPM Resolution Display + 210 degree LED arc display with green, yellow and red LEDs. 2-1/4" Mount, 3.65" Depth.   | 10-03264 | \$790.00 |
| M-1T        | PRESSURE OR TORQUE INSTRUMENT, TSOd, PMAAd (no STCs). 1 PSI or 1% Resolution + 210 degree LED arc display with green, yellow and red LEDs. 2 1/4" Mount, 3.65" Depth, 10 Oz. Instrument. Backlit.  | 10-03265 | \$790.00 |
| M-1-ITT     | INERT-Turbine Temperature Instrument IN Celsius, TSOd/PMAAd (no STCs). Digital display (1 degree C resolution) + 210 degree LED arc with green, yellow and red LEDs. 2 1/4" Mount, 3.65" Depth, 10 Oz.   | 10-03266 | \$790.00 |
| M-1-TOT     | Turbine Outlet Temperature INC. TSOd/PMAAd (no STCs).  | 10-03267 | \$790.00 |
| OPT-1-FV-60 | AC BUS VOLTAGE & FREQUENCY, TSOd/PMAAd (no STCs). The "-60" instrument is for a 60 Hz. bus and the "-400" instrument is for a 400 Hz. bus. Accurate Digital Display can be switched between Voltage and Frequency, displays in Volts and Hz. 2 1/4" Mount, 3.65" Depth, 10 Oz. Instrument. | 10-03268 | \$790.00 |