

# ELECTRONICS INTERNATIONAL INSTRUMENTS

## FP-5L FUEL FLOW, PRESSURE, HORSEPOWER AND GPS PMA<sub>d</sub> & STC<sub>d</sub> PRIMARY REPLACEMENT INSTRUMENT



Positively the best Fuel Flow/Horsepower Instrument there is! Nothing else even comes close. The FP-5L's High-Powered Features Include: • HORSEPOWER, to 1 percent hp. No other fuel gauge provides this! • FLOW, displayed in Gallons, Pounds, Liters or British Gallons. • AUTOMATIC K-Factor Calibration for UNSURPASSED ACCURACY. • FUEL DISPLAYS: "Used for Flight", "Used Since Fill Up", "MPG", "Fuel Required to: • Destination", "Fuel Remaining", "Time to Empty." • SCAN MODES: Manual and Automatic. • RECURRING FUEL USED ALARM Pilot Programmable. • 2 LOW FUEL ALARMS Pilot Programmable w/ Red Warning LED. • FUEL REMAINING displayed to 1/10 Gal. • AUTOMATICALLY CALCULATES AND DISPLAYS "Time to Empty", "Fuel Req to Dest," and "Fuel Reserve." Displays Nautical and Statute Miles per Gallon. Multiple Data Outputs & Inputs, Handhelds & Panel Mounts. One-of-a-kind AUXILIARY Channel can be used to monitor an additional function (choose one): EGT, TIT, CHT, OAT, Carb Temp, Oil Temp, Cowl Temp, Fuel Pressure, Gyro Vacuum, Manifold Pressure, Volts or Amps. Specs: 2-1/4" mount, 3.65" deep, 28 oz. pkg, Backlit for Night Operation, Superior Sunlight Viewability, External Warning Line. Operates from 7.5 to 30 volts @ .3 amps.

| Models        | Description                                                                  | Part No. | Price    |
|---------------|------------------------------------------------------------------------------|----------|----------|
| FP-5L         | Fuel Flow w/ Horsepower & GPS input/output (instrument only; no transducers) | 10-01217 | \$443.00 |
| FP-5L/FT-60   | Fuel Flow w/ Horsepower & GPS input/output with FT-60 - PRIMARY              | 10-05017 | \$668.00 |
| FP-5L/FT-60/P | Fuel Flow w/ Horsepower & Pressure GPS input/output with FT-60               | 10-25310 | \$757.00 |
| FP-5L/FT-90   | Fuel Flow w/ Horsepower & GPS input/output with FT-90                        | 10-05019 | \$668.00 |
| FP-5L/FT-90/P | Fuel Flow w/ Horsepower & Pressure GPS input/output with FT-90               | 10-05018 | \$846.00 |
| FP-5L-60      | Fuel Flow w/ Horsepower & GPS input/output, includes FT-60 Flow Transducer   | 10-01045 | \$578.00 |
| FP-5L-90      | Fuel Flow w/ Horsepower & GPS input/output, includes FT-90 Flow Transducer   | 10-01050 | \$578.00 |

### FP-5 & FP-5L AUXILIARY OPTIONS

| The FP-5 & FP-5L feature an Auxiliary Channel. Any one of the following choices can be added to at any time. |                                                                                                                                                                                                                                                     |          |          |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| FFDM-1 w/ FT-60                                                                                              | FUEL FLOW Differential Module, for aircraft with a Pressure Carburetor. Includes FT-60 or FT-90 Flow Transducer to measure the returned fuel. Please specify FT-60 or FT-90. DOES NOT use up the FP-5's Auxiliary channel.                          | 10-25325 | \$393.00 |
| FM-Temp-P-110                                                                                                | EGT hose clamp probe & 6' cable. Compensates HP reading when leaning.                                                                                                                                                                               | 10-02188 | \$218.95 |
| FM-Temp-P-128                                                                                                | OAT or CARB Temp probe (1/4"-28 thread) and 6' cable                                                                                                                                                                                                | 10-02769 | \$249.00 |
| FM-Temp-P-120                                                                                                | Secondary OIL Temp probe (5/8"-18 thread) and 6' cable                                                                                                                                                                                              | 10-02770 | \$249.00 |
| FM-Temp-P-111                                                                                                | Secondary TIT or OIL Temp probe (1/8" NPT adjustable depth) and 6' cable                                                                                                                                                                            | 10-02765 | \$223.95 |
| FM-Temp-P-112                                                                                                | Secondary TIT or OIL Temp probe (7/16-20 thread adjust. depth) and 6' cable                                                                                                                                                                         | 10-02766 | \$249.00 |
| FM-Temp-P-114                                                                                                | Secondary TIT or OIL Temp probe (1/4" NPT adjust. depth) & 6' cable                                                                                                                                                                                 | 10-02767 | \$249.00 |
| FM-OP                                                                                                        | Secondary OIL PRESSURE. Includes PT-100GA Pressure Transducer                                                                                                                                                                                       | 10-25336 | \$224.95 |
| FM-FP                                                                                                        | Secondary Fuel Pressure. Includes PT-30GA Pressure Transducer                                                                                                                                                                                       | 10-25337 | \$214.95 |
| FM-MP                                                                                                        | Secondary Manifold Pressure. Includes Pressure Transducer                                                                                                                                                                                           | 10-25338 | \$224.95 |
| FM-RPM 6C                                                                                                    | Secondary RPM. Connects directly to the Mag Switch                                                                                                                                                                                                  | 10-01786 | \$221.95 |
| FM-Gyro                                                                                                      | Gyro Vacuum. Includes Pressure Transducer                                                                                                                                                                                                           | 10-25339 | \$224.95 |
| FM-VA                                                                                                        | Secondary Volts or Amps (one or the other) w/ S-50 amp shunt.                                                                                                                                                                                       | 10-25342 | \$214.95 |
| AV-17                                                                                                        | Voice Annunciator. Connects through the Audio Panel or Intercom. The 1"x1" control panel mounts on your instrument panel. The 4.1"x 2.6"x 1.7" control box mounts under the instrument panel. See all Annunciator Panels on our "Accessories" page. | 10-00181 | \$435.00 |

## E.I. INSTRUMENTS



The entire line of Electronics International digital instruments offers precise readings at exceptional prices. All gauges are accurate to 1%. They are FAA-approved under STC No. 1626NM. Furnished complete with all probes & leads.

| Single Engine                                                                                                                                                                 | Description                                                                                                                                               | Part No. | Price    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| E-1                                                                                                                                                                           | Single-Channel EGT or CHT, STC <sub>d</sub> , TSO <sub>d</sub> , PMA <sub>d</sub> 2 1/4" Mount, 2.5" Depth, 12 oz. Kit                                    | 10-01355 | \$450.00 |
| C-1                                                                                                                                                                           | EGT, CHT or TIT, PRIMARY REPLACEMENTS STC <sub>d</sub> , TSO <sub>d</sub> , PMA <sub>d</sub> w/ Over-Temp Warning Light, 2 1/4" Mount, 2.5" Depth, 12 oz. | 10-01338 | \$349.00 |
| T-1P                                                                                                                                                                          | EGT, CHT or TIT, PRIMARY REPLACEMENTS STC <sub>d</sub> , TSO <sub>d</sub> , PMA <sub>d</sub> w/ Over-Temp Warning Light, 2 1/4" Mount, 2.5" Depth, 12 oz. | 10-01373 | \$374.00 |
| E-1P                                                                                                                                                                          | EGT, CHT or TIT, PRIMARY REPLACEMENTS STC <sub>d</sub> , TSO <sub>d</sub> , PMA <sub>d</sub> w/ Over-Temp Warning Light, 2 1/4" Mount, 2.5" Depth, 12 oz. | 10-02762 | \$395.00 |
| C-1P                                                                                                                                                                          | EGT, CHT or TIT, PRIMARY REPLACEMENTS STC <sub>d</sub> , TSO <sub>d</sub> , PMA <sub>d</sub> w/ Over-Temp Warning Light, 2 1/4" Mount, 2.5" Depth, 12 oz. | 10-01339 | \$389.00 |
| EC-1                                                                                                                                                                          | Switchable from EGT to CHT (1 of ea), STC <sub>d</sub> , TSO <sub>d</sub> & PMA <sub>d</sub> . 2 1/4" Mount, 2.5" Depth, 16 oz                            | 10-01358 | \$475.00 |
| EAC-1                                                                                                                                                                         | STC <sub>d</sub> , TSO <sub>d</sub> , PMA <sub>d</sub> . - EGT/OAT/CHT Ice Zone Warning Light (from 10 to 39 degrees Celsius)                             | 10-00806 | \$526.00 |
| CA-1                                                                                                                                                                          | STC <sub>d</sub> , TSO <sub>d</sub> , PMA <sub>d</sub> - CARB TEMP/OAT w/Ice Zone Warning Light. (from 10 to 39 degrees Celsius)                          | 10-01351 | \$429.00 |
| A-1                                                                                                                                                                           | OAT w/ Ice Zone Warning Light, STC <sub>d</sub> , PMA <sub>d</sub> , TSO <sub>d</sub> (light comes on between 10 and 39 degrees F).                       | 10-01307 | \$347.00 |
| E-4                                                                                                                                                                           | EGT and CHT instruments, STC <sub>d</sub> , TSO <sub>d</sub> and PMA <sub>d</sub> . Four Channels (EGT or CHT)                                            | 10-01356 | \$685.00 |
| C-4                                                                                                                                                                           | EGT and CHT instruments, STC <sub>d</sub> , TSO <sub>d</sub> and PMA <sub>d</sub> . Four Channels (EGT or CHT)                                            | 10-01348 | \$695.00 |
| E-6                                                                                                                                                                           | EGT and CHT instruments, STC <sub>d</sub> , TSO <sub>d</sub> and PMA <sub>d</sub> . Six Channels                                                          | 10-01357 | \$785.00 |
| C-6                                                                                                                                                                           | EGT and CHT instruments, STC <sub>d</sub> , TSO <sub>d</sub> and PMA <sub>d</sub> . Six Channels                                                          | 10-01350 | \$825.00 |
| EC-1P                                                                                                                                                                         | 3-1/8" EC-1P One Channel EGT/CHT Primary                                                                                                                  | 10-00807 | \$665.00 |
| TC-1P                                                                                                                                                                         | TC-1P Single Channel TIT/CHT Primary                                                                                                                      | 10-02736 | \$628.00 |
| <b>FOR TWINS</b> - Orders for following instruments MUST specify type of probes: EGT hose clamp, TIT (hose clamp, 1/8" NPT, 1/4" NPT or 7/16 x 20). CHT, and OverTemp Limits. |                                                                                                                                                           |          |          |
| EE-1P                                                                                                                                                                         | Dual Display EGT (1 L & 1 R), Over-Temp Lights, 3-1/8" mount                                                                                              | 10-01447 | \$748.00 |
| CC-1P                                                                                                                                                                         | Dual Display CHT (1 L & 1 R), Over-Temp Lights, 3-1/8" mount                                                                                              | 10-02735 | \$750.00 |
| TT-1P                                                                                                                                                                         | Dual Display TIT (1 L & 1 R), Over-Temp Lights, 3-1/8" mount                                                                                              | 10-02733 | \$728.00 |
| EC-1PT                                                                                                                                                                        | Dual Display 1 EGT & 1 CHT w/ Over-Temp Lights, 3-1/8" mount                                                                                              | 10-02731 | \$769.00 |
| TC-1PT                                                                                                                                                                        | Dual Display 1 TIT & 1 CHT w/ Over-Temp Lights, 3-1/8" mount                                                                                              | 10-02732 | \$751.00 |
| <b>FOR TWINS</b> - Not Primary Replacement Instruments, but STC <sub>d</sub> , PMA <sub>d</sub> , TSO <sub>d</sub> . Same order requirements and specifications as above:     |                                                                                                                                                           |          |          |
| E-2                                                                                                                                                                           | (one display, switchable from left to right engine, either EGT or CHT)                                                                                    | 10-00098 | \$630.00 |
| C-2                                                                                                                                                                           | (one display, switchable from left to right engine, either EGT or CHT)                                                                                    | 10-01661 | \$766.00 |
| EC-2                                                                                                                                                                          | (one display, switchable from EGT, L/R and CHT L/R).                                                                                                      | 10-01359 | \$785.00 |
| FL-1M                                                                                                                                                                         | Single Fuel Level Instrument is NON STC Experimental Aircraft Only. Designed to work with E.I.'s Magnetic Float Sensor P-300M.                            | 10-05084 | \$424.95 |
| FL-2M                                                                                                                                                                         | Dual Fuel Level Instrument is NON STC Experimental Aircraft Only. Designed to work with E.I.'s Magnetic Float Sensor P-300M.                              | 10-05085 | \$424.95 |
| P-300M                                                                                                                                                                        | Magnetic Float Sensor                                                                                                                                     | 10-05097 | \$455.00 |

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