

ELECTRONICS INTERNATIONAL INSTRUMENTS

FP-5L FUEL FLOW, PRESSURE, HORSEPOWER AND GPS PMA'd & STCd 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	\$415.00
FP-5L/FT-60	Fuel Flow w/ Horsepower & GPS input/output with FT-60 - PRIMARY	10-05017	\$779.00
FP-5L/FT-60/P	Fuel Flow w/ Horsepower & Pressure GPS input/output with FT-60	10-25310	\$947.00
FP-5L/FT-90	Fuel Flow w/ Horsepower & GPS input/output with FT-90	10-05019	\$775.00
FP-5L/FT-90/P	Fuel Flow w/ Horsepower & Pressure GPS input/output with FT-90	10-05018	\$958.00
FP-5L-60	Fuel Flow w/ Horsepower & GPS input/output, includes FT-60 Flow Transducer	10-01045	\$598.00
FP-5L-90	Fuel Flow w/ Horsepower & GPS input/output, includes FT-90 Flow Transducer	10-01050	\$598.00

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. DIGITAL/GRAPHIC INSTRUMENTS

These Digital/Graphic Instruments are solid state and hold their accuracy over time and a range of environmental conditions. The colorful Graphic Analog display emits green, yellow, or red lights enabling the pilot to spot problems immediately without interpreting a needle. Gauges mount in 2-1/4" instrument holes.



TACHOMETER - R-1, TACHOMETER: STCd, PMA'd and TSO'd as PRIMARY REPLACEMENT. Features a 210 degree graphic analog display with green, yellow, and red LEDs. Accurate 10 RPM resolution digital display. Flight Timer. Tach Timer. Peak RPM Recorder. Automatic Mag Drop Calculation. Connects to both "P" leads through isolators (no magnetic pick-ups required). 2 1/4" Mount. 3.65" Depth. 10 Oz. Unit. Superior sunlight viewability.

Backlit. Operates from 7.5 to 30 volts @ .3 amps. **Note:** This instrument may come with labels on the faceplate rather than silkscreening, depending on your a/c's required markings P/N 10-25200 **\$549.00**



OIL PRESSURE/TEMPERATURE - OPT-1, OIL TEMP/PRESSURE: STCd, PMA'd and TSO'd as PRIMARY REPLACEMENT. OPT-1 features dual 90 degree graphic analog displays w/ green, yellow, and red LEDs. Accurate to 1 PSI and 1°F Resolution. External Oil Press and Temp Transducers (no oil in the cockpit). 2 1/4" Mount. 3.65" Depth. 22 Oz. Kit. Superior sunlight viewability. Backlit. Operates from 7.5 - 35 volts @ .3 amps. **Note:** This instrument may come with labels on the faceplate rather than silkscreening, depending on your a/c's required markings P/N 10-25205 **\$575.00**



MANIFOLD PRESSURE - M-1, MANIFOLD PRESSURE. STCd, PMA'd & TSO'd as PRIMARY REPLACEMENT. 210 degree graphic analog display w/ green, yellow, and red LEDs. Accurate 1" Mercury Resolution digital display. Connects to std pressure line through 1/4" male flare union. 2 1/4" Mount. 3.65" Depth. 13 Oz. Unit. Viewable in direct sunlight. Backlit Operates from 7.5 to 30 volts @ .3 amps. **Note:** This instrument may come with labels on the faceplate rather than silkscreening, depending on your a/c's required markings P/N 10-25210 **\$548.00**



VOLTS/AMPS - VA-1A, VOLTS/AMP. STCd, PMA'd as PRIMARY REPLACEMENT. Internal Shunt. Discharge @ High Voltage Warning Lights. 100 amp capability. .1 volt & .1 amp 1% Resolution. Accuracy: 2 1/4" Mount. 2.5" Depth. 9 Oz. Unit. Viewable in direct sunlight. Backlit. Operates from 7.0 to 40 volts @ .1 amp. VA-1A (internal shunt) P/N 10-00809 **\$395.00**



VA-1A-XX, VOLTS/AMP - STCd, PMA'd as PRIMARY REPLACEMENT. (For use with External Shunt. Discharge and High Voltage Warning Lights. 100 amp capability (or order VA-1A-300 for 300-amp capability). .1 volt and .1 amp Resolution. Accuracy: 1% . 2 1/4" Mount. 2.5" Depth. 9 Oz. Unit. Superior sunlight viewability. Backlit. Operates from 7.0 to 40 volts @ .1 amp.

VA-1A-50 (S-50 external shunt) P/N 10-01378 **\$439.00**
VA-1A-300 (S-300 external shunt) P/N 10-01394 **\$447.00**
RSVA-3 Remote Switch P/N 10-03207 **\$89.75**

EI 37 DEGREE FLARE FITTING

This is a 1/4" 37 Degree Flare Fitting used to kit the MP tube of a hard line to interface the Vacuum Pressure Transducer P/N 10-06847 **\$18.95**

ELECTRONICS INTERNATIONAL LED INTENSITY CONTROL

Controls the intensity of the green LED's on the UBG-16, R-1, M-1, OPT-1, FL-2, FP-5(L), and other EI instruments. This unit can be connected to any one or all of these instruments at the same time. It provides linear control of the intensity of the green LED's for low ambient light or night operation. Mounts in a 1/4" hole. Operates on a 12 or 24 volt system. E.I. products include all documentation and certifications.

Description	Part No.	Price
EI LED Intensity Control - CP1	10-02035	\$381.00
EI LED Intensity Control - CP1A Allows Pilot to run current (to power lighting)	10-06280	\$68.85