

# 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	---
FP-5L/FT-60	Fuel Flow w/ Horsepower & GPS input/output with FT-60 - PRIMARY	10-05017	---
FP-5L/FT-60/P	Fuel Flow w/ Horsepower & Pressure GPS input/output with FT-60	10-25310	---
FP-5L/FT-90	Fuel Flow w/ Horsepower & GPS input/output with FT-90	10-05019	---
FP-5L/FT-90/P	Fuel Flow w/ Horsepower & Pressure GPS input/output with FT-90	10-05018	---
FP-5L-60	Fuel Flow w/ Horsepower & GPS input/output, includes FT-60 Flow Transducer	10-01045	---
FP-5L-90	Fuel Flow w/ Horsepower & GPS input/output, includes FT-90 Flow Transducer	10-01050	---

### 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	---
FM-Temp-P-110	EGT hose clamp probe & 6' cable. Compensates HP reading when leaning.	10-02188	---
FM-Temp-P-128	OAT or CARB Temp probe (1/4"-28 thread) and 6' cable	10-02769	---
FM-Temp-P-120	Secondary OIL Temp probe (5/8"-18 thread) and 6' cable	10-02770	---
FM-Temp-P-111	Secondary TIT or OIL Temp probe (1/8" NPT adjustable depth) and 6' cable	10-02765	---
FM-Temp-P-112	Secondary TIT or OIL Temp probe (7/16-20 thread adjust. depth) and 6' cable	10-02766	---
FM-Temp-P-114	Secondary TIT or OIL Temp probe (1/4" NPT adjust. depth) & 6' cable	10-02767	---
FM-OP	Secondary OIL PRESSURE. Includes PT-100GA Pressure Transducer	10-25336	---
FM-FP	Secondary Fuel Pressure. Includes PT-30GA Pressure Transducer	10-25337	---
FM-MP	Secondary Manifold Pressure. Includes Pressure Transducer	10-25338	---
FM-RPM 6C	Secondary RPM. Connects directly to the Mag Switch	10-01786	---
FM-Gyro	Gyro Vacuum. Includes Pressure Transducer	10-25339	---
FM-VA	Secondary Volts or Amps (one or the other) w/ S-50 amp shunt.	10-25342	---

## E.I. INSTRUMENTS



10-01355

10-01339

10-01348

10-01373

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,	10-01355	---
C-1	12 oz. Kit	10-01338	---
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	---
E-1P		10-02762	---
C-1P		10-01339	---
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	---
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	---
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	---
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	---
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	---
C-4		10-01348	---
E-6	EGT and CHT instruments, STC <sub>d</sub> , TSO <sub>d</sub> and PMA <sub>d</sub> Six Channels	10-01357	---
C-6		10-01350	---
<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.			
TC-1PT	Dual Display 1 TIT & 1 CHT w/ OverTemp Lights, 3-1/8" mount	10-02732	---
<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	---
C-2		10-01661	---
EC-2	(one display, switchable from EGT, L/R and CHT L/R).	10-01359	---
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	---
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	---
P-300M	Magnetic Float Sensor	10-05097	---