

# EDM-700/760/800/900/930 & 450 SYSTEM ORDER FORM

Effective June 30, 2010

## **ALL EDM SYSTEMS are TSO'd and INCLUDES as free:**

- LeanFind (tm) Performs ROP and LOP, automatically finds the first and last cylinder to peak.....included
- Shock cooling checked on all cylinders with an alarm on the cylinder with the highest cooling rate... included
- Voltage, For alternator failure, monitored for over and under voltage with alarms .....included
- Pilot Programmable Hi &Lo alarm limits. ALL programming from front panel .....included
- All EDM's TSO'd for quality with a 3 yr. Warranty Electronics and 1yr. Probes.....included
- Quick response probes, fastest accurate readings, harness and hardware.....included
- Data Memory, reading once every 2 to 255 seconds. ....included
- EZPlot-1 program for plotting data downloading data.....included
- USB download port built in with memory stick.....NEW on 730/830 included
- Full color TFT screen 4 inches Diagonal .....NEW on 730/830 included

## *SINGLE Engine EDM-700/800, 4,6,7,8,9 Cyl.*

<b>Part Number</b>	<b>List Price</b>
• EDM 700-4C                      • 4 cylinder (4-EGT and 4-CHT)	<b>\$1648.</b>
• EDM 700-6C                      • 6 cylinder (6-EGT and 6-CHT)	<b>\$2195</b>
• EDM 700-7C                      • 7 cylinder (7-EGT and 7-CHT)	<b>\$2395.</b>
• EDM 700-8C                      • 8 cylinder (8-EGT and 8-CHT)	<b>\$2795.</b>
• EDM 700-9C                      • 9 cylinder (9-EGT and 9-CHT)	<b>\$3095.</b>
• EDM 800-4C                      • 4 cylinder with %HP/FF/OAT/MAP/RPM	<b>\$3270</b>
• EDM 800-6C                      • 6 cylinder with %HP/FF/OAT/MAP/RPM	<b>\$3995</b>
• Classic Scanner 100-4C      • 4 cyl. 4 EGT and 4 CHT, 8 probes Digital Temp ONLY	<b>\$995.</b>
• Classic Scanner 100-6C      • 6 cyl. 6 EGT and 6 CHT, 12 probes Digital Temp ONLY	<b>\$1295</b>
• Fuel Flow option for EDM-700's, Complete with 201 Transducer (flow to 45 GPH)	<b>\$ 600.</b>
• Fuel Flow Electronics option for EDM-700's, functions with any digital transducer	<b>\$ 375.</b>
• EDM 711 primary for CHT-OIL and TIT add \$400 to the above prices for each primary	<b>\$400.</b>
• Bigger 3" Display for all above instruments add \$350 to above instruments	<b>\$350.</b>

*Trade-in Price* for a Basic GEM to an EDM-700

( Use old system wire harness and EGT/CHT/TIT probes) **\$995.**

EDM-730/830 Available and Shipping, 3 day delivery

## *SINGLE Engine EDM-730/830, 4,6,7,8,9 Cyl*

<b>Part Number</b>	<b>List Price</b>
• EDM-730-4C                      4 cylinder (4-EGT and 4-CHT) + USB	<b>\$1995.</b>
• EDM-730-6C                      6 cylinder (6-EGT and 6-CHT) + USB	<b>\$2750.</b>
• EDM-730-7C                      7 cylinder (7-EGT and 7-CHT) + USB	<b>\$2995.</b>
• EDM-730-8C                      8 cylinder (8-EGT and 8-CHT) + USB	<b>\$3395.</b>
• EDM-730-9C                      9 cylinder (9-EGT and 9-CHT) + USB	<b>\$3695.</b>
• EDM-830-4C                      4 cyl with %HP/FF/OAT/MAP/RPM/Oil Temp & oil pressure + USB	<b>\$3795.</b>
• EDM-830-6C                      6 cyl with %HP/FF/OAT/MAP/RPM/Oil Temp & oil pressure + USB	<b>\$4295.</b>
• EDM-830-7C                      7, cyl. with %HP/FF/OAT/MAP/RPM/Oil Temp & oil pressure ,USB	<b>\$4595.</b>
• EDM-830-8C                      8, cyl. with %HP/FF/OAT/MAP/RPM/Oil Temp & oil pressure ,USB	<b>\$4895.</b>
• EDM-830-9C                      9, cyl. with %HP/FF/OAT/MAP/RPM/Oil Temp & oil pressure ,USB	<b>\$5195.</b>
• EXPERIMENTAL ONLY	
• EDM-740-4C                      4 cyl with %HP/FF/OAT/MAP/RPM/Oil Temp & oil pressure + Fuel Level	<b>\$2999.</b>
• EDM-740-6C                      6 cyl with %HP/FF/OAT/MAP/RPM/Oil Temp & oil pressure + Fuel Level	<b>\$3250.</b>

*TRADE-IN EDM 700/800 to an EDM-730/830* for Indicator only. Does not apply to GEM trade in.

( Use old system wire harness and EGT/CHT/TIT probes)

**\$1200.**

**Twin TRADE-IN from a EDM-760 to EDM-851 (Two EDM-730's)**

**\$2400**

## *EDM OPTIONS* (can be added at any time) for singles and twins.

**List Price**

**You do not have to send the instrument back everything is plug and play**

- **ADD RPM kit to EDM-700/730** \$ 285
- **ADD OIL pressure kit to EDM-700/800 and 730** \$ 285
- **ADD Manifold pressure kit to EDM-700/800 and 730** \$ 285
- **Manifold/RPM/Oil Pressure harness for EDM series** \$ 98
- **Oil Temperature 5/8-18 thread Primary only** \$ 165
- **OAT, Outside Air Temperature System** \$ 165
- **IAT/CDT Induction air, Compressor Temp, and Carb Carburetor Temp. \$165 each** \$ 165
- **CHT gasket M-113-3/8 probe (JPI CHT to coexist with Factory bayonet probe or Heaters)** \$ 104
- **EGT and CHT Kit with hardware** \$ 104
- **Additional PRIMARY functions of CHT, OIL Temp. and TIT each For EDM-711** \$ 400
- **700/730 Fuel Flow option (Gal/Hr), Without transducer,** \$ 375
- **700/730 Fuel Flow option (Gal/Hr), With transducer (201 or 231)** \$ 600
- **Fuel flow harness for 700/730** \$ 125.
- **High flow transducer for some 9 cyl. ( 6 to 120 GPH ) TSO'd. Larger available, call** \$ 980
- **Extra High fuel flow FT6-8AEXS-LEA-2022 max capacity 6 to 240 gph** \$1147.
- **EZTRENDS® Graphing/download, program, Same program EI charges \$125** \$ Free
- **USB Download box with memory stick for 700/800 only. No laptop required.** \$ 200.
- **USB integrated into old or new EDM 700/800. W/ Memory stick. No laptop required** \$ 285
- **Convert to 3" Display for 4,6,7,8,9 cyl on new order or update old instrument** \$ 350.
- **740 Experimental package Fuel Level, Fuel Pressure and AMPS.** \$ 250.

## *FS-450 Fuel flow instrument, twice the info of FP-5L*

*With GPS interface, FlowScan Transducer and Fire sleeve, purchase fittings separately to fit your engine. See below.*

- PN 450000-G** All gravity Flow installations **without** fuel pump. \$ 775.
- PN 450000-P** All Fuel injected engines with fuel pump \$ 775.
- PN 450000** No transducer, indicator and harness only \$ 475.
- PN 450000-R** Rotax engine 2-30 GPH Single transducer \$ 995.
- PN 450000-H** High flow, range up to 120 GPH. \$1655.
- PN 450000-D** Pressure Carburetor engines with vapor return lines. Requires Dual transducers. \$ 995.
- PN 450000-M** **Twin Fuel Flow**, Single Display w/two transducers 2 or 3 inch display \$1595.
- PN AN816-4-4** Qt 2 AN816 -4 hose to ¼ NPT steel fittings, most Continentals \$ 9.95
- PN AN816-6-4** Qt 2 AN816 -6 hose to ¼ NPT steel fittings, most Lycoming \$ 9.95
- PN 816** Fiberglass sleeve 1.5" x 8" \$ 14.95

## EDM-930 Primary Pricing for SINGLE engine

Part Number	TSO & STC Primary approved to replace all engine gages Prices below are for 2 fuel tank system. AML... go to JPITECH.com Now one price for Exp., TSO, Primary EDM-930 systems.	List Price
930-4CP	4 Cylinder complete Primary package. TSO & STC	\$5,481
930-6CP	6 Cylinder complete Primary package. TSO & STC	\$5,915
930-7CP	7 Cylinder complete Primary package. TSO & STC	\$7,912
930-8CP	8 Cylinder complete Primary package. TSO & STC	\$8,192
930-9CP	9 Cylinder complete Primary package, includes a high flow fuel transducer to 125 GPH TSO & STC	\$10,108
4 Tanks system	EDM-930 feature can display 4 fuel tanks. Prices are for 2 more fuel tanks add \$625	\$ 625

## EDM-960 Primary Pricing for TWIN engine

Part Number	TSO & STC Primary approved to replace all engine gages see JPI AML on web site JPITECH.com	List Price
960-4CP	4 Cylinder complete Primary package. TSO & STC	\$14,562
960-6CP	6 Cylinder complete Primary package. TSO & STC	\$15,822
960-7CP	7 Cylinder complete Primary package. TSO & STC	\$18,280
960-8CP	8 Cylinder complete Primary package. TSO & STC	\$18,980
960-9CP	9 Cylinder complete Primary package, includes a high flow fuel transducer to 125 GPH. TSO & STC	\$23,770
*4 Tank system	EDM-960 feature can display 4 fuel tanks. Prices are for 2 more fuel tanks add \$990.	\$ 990.

SATISFACTION GUARANTEED: JPI purchased Kits returned in 30 days from invoice date in original box unused, no questions asked. No restocking fee. 15% restocking fee for kits returned after 30 days unused. No returns after 6 months. Prices subject to change without notice Delivery: 2 days

### J.P. INSTRUMENTS, inc.

PO BOX 7033, Huntington Beach CA 92646. Tel: 714-557 3805, 1-800-345-4JPI (ALL States), FAX: (714) 557-9840

*Twin Engine EDM-760 and EDM-851 Advisory instruments  
 Come with 20 ft harness & special Synchronizer harness.  
 Please note the EDM-730/830 comes with 8 ft harness on all sensors  
 only twins require 20 ft minimum.*



EDM-760 twin



EDM-851 twin



EDM-850 twin

*TWIN Engine, Single instrument, EDM-760 one 3 1/8" display:*

- EDM-760-4C (4-EGT and 4-CHT per engine + Memory, 16 probes) \$3495.
- EDM-760-6C (6-EGT and 6-CHT per engine + Memory, 24 probes) \$4495.
- Fuel Flow option with two transducers \$1400
- Fuel Flow option without transducers \$1000.

Options available: Second TIT, OAT, Carb. and Oil Temperature @ \$165.00 ea.

*TWIN Engine, Two instruments, EDM-730/830 EDM-751/851 fits into 3.12" ea.*





- EDM-751-4C (4-EGT and 4-CHT per engine + Memory, 16 probes) \$4390.
- EDM-751-6C (6-EGT and 6-CHT per engine + Memory, 24 probes) \$5900.
- EDM-851-4C (4-EGT/CHT per engine + RPM & MAP, Oil Temp./Pressure, OAT, Fuel Flow) \$6695.
- EDM-851-6C (6-EGT/CHT per engine + RPM & MAP, Oil Temp./Pressure, OAT, Fuel Flow) \$8700.

*TWIN Engine, Two instruments, EDM-750/850 two EDM-700 displays 2.25" ea.*

- EDM-750-4C (4-EGT and 4-CHT per engine + Memory, 16 probes) \$3495.
- EDM-750-6C (6-EGT and 6-CHT per engine + Memory, 24 probes) \$4495.
- EDM-850-4C (4-EGT/CHT per engine + RPM & MAP, Oil Temp./Pressure, OAT, Fuel Flow) \$6695.
- EDM-850-6C (6-EGT/CHT per engine + RPM & MAP, Oil Temp./Pressure, OAT, Fuel Flow) \$8100.



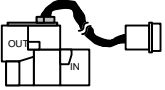


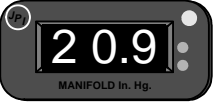
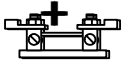

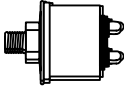
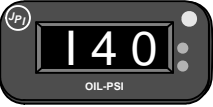
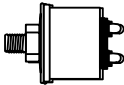
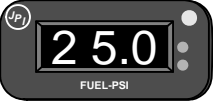
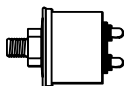

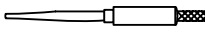

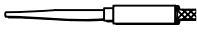



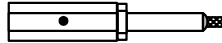

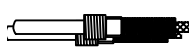



Options available: Second TIT, OAT, Carb. and Oil Temperature @ \$165.00 ea.



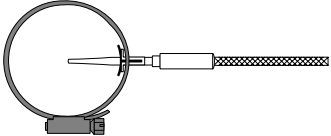



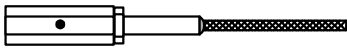




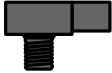
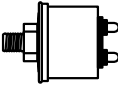






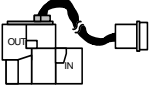
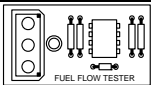
<p style="text-align: center;"><b>EDM-740</b></p> 	<p>Same as the EDM-830 plus additional Options</p> <p><b>YES!</b> Now with FUEL Level, Fuel Pressure (injected only) and Amps with shunt. User Selectable Positions for Linear gauges are available as an option.</p> <p><b>3 year Warranty</b></p>	<p><u><b>Optional functions</b></u>  CDT  IAT  CARB Temperature  TIT</p> <p><u><b>Sold as single package only</b></u>  L-Tank Fuel Quantity, level  R-Tank Fuel Quantity, level  F-P Fuel Pressure (injected only)  AMP Current amps w/100 amp shunt</p>
<p style="text-align: center;"><b>EDM-930</b></p> 	<p>Pre-Wired Harness for all functions</p> <p>RPM Prop  MAP Manifold Pressure  % HP Percent of Horse Power  EGT Exhaust Gas Temp.  CHT Cylinder Head Temp.  EGT Normalize mode  Span highest to lowest EGT  LOP/ROP JPI Exclusive Leaning Mode</p> <p>O-T Oil Temperature  O-P Oil Pressure  OAT Outside Air Temp.  VDC Voltage (1)  AMP Current amps (2 twins)  GPH Gallons per Hour GPH  REQ Required to wp or destination  USD Fuel used  H:M Endurance Hours and Minutes  MPG Miles per Gal  L-Tank Fuel Quantity, level,  R-Tank Fuel Quantity, level  CLD Shock Cooling on ALL cylinders  DIFF Difference between EGT's  USB Memory stick 1 GB  Data Recording 800 Hrs every 6 sec.  EZTrends Graphing Software free  <b>3 year Warranty</b></p>	<p><u><b>Optional functions</b></u>  TIT Turbine Inlets Temp.(2)  F-P Fuel Pressure  CRB Carburetor Temp.  CDT Compressor Discharge  IAT Induction Air Temperature  Volts pick-up V-2  Amps 2</p>
<p style="text-align: center;"><b>EDM-960 TWIN</b></p> 	<p>Pre-Wired Harness for all functions</p> <p>RPM Prop  MAP Manifold Pressure  % HP Percent of Horse Power  EGT Exhaust Gas Temp.  CHT Cylinder Head Temp.  EGT Normalize mode  Span highest to lowest EGT  LOP/ROP JPI Exclusive Leaning Mode</p> <p>O-T Oil Temperature  O-P Oil Pressure  OAT Outside Air Temp.  VDC Voltage (1)  AMP Current amps (2 twins)  GPH Gallons per Hour GPH  REQ Required to wp or destination  USD Fuel used  H:M Endurance Hours and Minutes  MPG Miles per Gal  L-Tank Fuel Quantity, level,  R-Tank Fuel Quantity, level  CLD Shock Cooling on ALL cylinders  DIFF Difference between EGT's  USB Memory stick 1 GB  Data Recording 800 Hrs every 6 sec.  EZTrends Graphing Software free  <b>3 year Warranty</b></p>	
<p style="text-align: center;"><b>EDM-760 TWIN</b></p> 	<p>EGT 4 or 6 probes  CHT 4 or 6 probes  Volts  Shock cooling  Span (highest to lowest EGT)  EGT Normalize mode  LOP/ROP function  Power connector  All required Harness 20 ft  EZTrends Graphing Software free  Serial Data recording -25 hours  <b>3 year Warranty</b></p>	<p><u><b>Optional functions</b></u>  Fuel Flow (USED per engine, Remaining, GPH, Total fuel USED both engines, Endurance, GPS destination)  Oil Temperature  OAT  TIT  CARB Temperature  Download box with Memory stick</p>

# SlimLine Advisory instruments

Bright red display with common remote enunciator alarm signal. Specify the red line limit for your aircraft on those gauges that have alarms. All instruments come complete with sensors. All Slims except FS-450 are **Size 1" x 2"x 3" deep**

Sensor	Instrument	Description	List	TSO	STC
		<b>Tachometer</b> Quartz accuracy to 1 RPM, Resolution 10 RPM, Red line and yellow line alarms, specify. Hall effect sensor. Designed to mount below present Tachometer.	\$495	PMA	STC Advisory
		<b>FS-450 Fuel Flow, 2 1/4 size x 1.5 deep</b> FS-450 Fuel Flow with transducer and GPS Fs-450-D Fuel Flow with Dual transducers for return line systems all in one. FS-450-H Fuel Flow with high fuel transducer for 9 cyl and turbo props, up to 120 GPH, others available	\$ 775 \$ 995. \$1655	TSO	STC
		<b>Manifold Pressure</b> Resolution 0.1 inHg, Accuracy 0.1 inHg, Solid state sensor, Over boost alarm set to 36 inHg. Factory setting can be set to any valve.	\$350		Experimental aircraft only
		<b>Volt/Amp Meter/Shunt included</b> Ammeter/Loadmeter, Resolution 0.1 V/A, Discharge alarm. Shunt capacity to 100 amps	\$295 W Shunt		Experimental aircraft only
		<b>Oil Pressure</b> Resolution 1 psi, Low pressure alarm at 15 psi, 2-160 psi range.	\$295		Experimental aircraft only
		<b>Fuel Pressure Resolution 1 psi, with alarm</b> Injected engine 10 - 32 psi range Carburetor 1 to 8 psi	\$295 \$395		Experimental aircraft only
		<b>Boom Pressure</b> Resolution 2 psi, 2-160 psi range.	\$295		Experimental aircraft only
		<b>Exhaust Gas Temperature</b> Resolution 1 or 10°, High temperature alarm set to 1650° F.	\$295	TSO	FAA approved
		<b>Turbine Inlet Temperature</b> Resolution 1 or 10°, High temperature alarm set to 1650° F.	\$295	TSO	STC as Primary Replacement of original equipment
		<b>Cylinder Head Temperature</b> Resolution 1 degree , High temperature alarm set to 450°F.	\$295	TSO	STC as Primary Replacement of original equipment
		<b>Outside Air Temperature</b> Resolution 1 degree, Range -40 to 195°F. Specify °C or °F	\$295	TSO	FAA approved
		<b>Oil Temperature</b> Resolution 1°, High temperature alarm set to 230°F.	\$295	TSO	STC as Primary Replacement of original equipment
		<b>Carburetor Temperature</b> Resolution 1°F. No Alarms	\$295	TSO	FAA approved

## Replacement Probes and Sensors

		Part number	Price
	EGT probe, High Response with hardware	M111	\$104
	CHT probe, spark plug gasket	M113	\$104
	CHT probe, threaded bayonet	5050T	\$104
	TIT probe and extension lead, clamp on	M111T	\$165
	OAT probe with shield and extension lead	400510	\$165
	OIL temperature probe 1/8 NPT, Lycoming and Continental Advisory instruments	400505L/C	\$165
	OIL 5/8-18 thread for Primary instruments	400509	\$165
	Carburetor temperature probe, 1/4-24 thread or slim OAT probe	400128	\$165
	Adaptor probe permits the JPI probe and the factory CHT to coexist in the same location	M113-3/8	\$104
	Manifold pressure sensor, 0 to 60 inches of Hg. 1/8 NPT	604010	\$245
	Oil pressure sensor 0-160 psi 1/8 NPT	3060-18	\$158
	Fuel pressure Injected engine sensor 5-32 psi 1/8 NPT	3060-17	\$150
	Fuel pressure Carburetor, sensor 1/2 to 20 psi 1/8 NPT	790775	\$350
	RPM <b>pressurized</b> mag only sensor for Bendix 20 series	420806	\$395
	RPM <b>pressurized</b> mag only sensor for Bendix 1200 series	420807	\$395
	RPM <b>pressurized</b> mag sensor for Slick 4000, 6000 series	420809	\$395
	<b>Standard</b> RPM vent plug sensor, fits any Bendix	420815-2	\$285
	<b>Standard</b> RPM vent plug sensor, fits any Slick	420815-1	\$285
	Shunt, 50 m.v. / 100 amp	159920	\$75
	Fuel Flow Transducer Pressure201 or Gravity 231. K-Factor 29.90 and 19.00	700901	\$395
	Fuel flow tester. Generates pulses simulating Flow Scan fuel flow transducer.	FF TESTER	\$35