

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

Effective March 2008

EDM 700/760/800 SYSTEMS are TSO'd and **INCLUDES** as standard:

- **LeanFind I** automatically finds the first cylinder to peak rich of peak, **ROP**
- **Lean of peak ,LOP** finds each cylinder as it goes over lean also on 7,8,9 cylinder engines **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. To be down loaded to a USB data box or lap top comp. **NEW included**

ALL INSTRUMENTS ARE..... TSO and STC

SINGLE Engine, 4,6,7,8,9 Cylinder with All EGT/CHT probes and Memory Module.

Part Number		List Price
• EDM-700-4C	4 cylinder (4-EGT and 4-CHT, 8 probes) +memory	\$1475.
• EDM-700-6C	6 cylinder (6-EGT and 6-CHT, 12 probes) +memory	\$2195.
• EDM-700-7C	7 cylinder (7-EGT and 7-CHT, 14 probes) +memory	\$2395.
• EDM-700-8C	8 cylinder (8-EGT and 8-CHT, 16 probes) +memory	\$2795.
• EDM-700-9C	9 cylinder (9-EGT and 9-CHT, 18 probes) +memory	\$3095.
• EDM-800-4C	4 cylinder with Horsepower/FF/OAT/MAP/RPM +memory	\$3270.
• EDM-800-6C	6 cylinder with Horsepower/FF/OAT/MAP/RPM +memory	\$3990.
• EDM-700 to 711-4C	4 cylinder EDM-700 with one primary function CHT/TIT/Oil	\$1875.
• EDM-700 to 711-6C	6 cylinder EDM-700 with one primary function CHT/TIT/Oil	\$2595.
• EDM-800 to 711-4C	4 cylinder EDM-800 with one primary function CHT/TIT/Oil	\$3895.
• EDM-800 to 711-6C	6 cylinder EDM-800 with one primary function CHT/TIT/Oil	\$4395.
• EDM 900/930/950 see special pricing.		
• Bigger 3" Display for all above instruments		\$ 350.
• Classic Scanner 100-4C-	4 cyl. 4 EGT and 4 CHT, 8 probes Scanning Digital Temp ONLY	\$ 795.
• Classic Scanner 100-6C	6 cyl. 6 EGT and 6 CHT, 12 probes Scanning Digital Temp ONLY	\$ 995.
• Fuel Flow option for EDM-700's, Complete with 201 Transducer (flow to 45 GPH)		\$ 775.
• Fuel Flow Electronics option for EDM-700's, functions with any digital transducer		\$ 595.
<i>Trade-in Price</i> for EDM 700. Basic GEM, UBG-16 or Classic SCANNER®		
(Use old system wire harness and EGT/CHT/TIT probes)		\$1195.

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 \$1595.
 - Fuel Flow option without transducers \$1400.
- Options available: Second TIT, OAT, Carb. And Oil Temperature @ \$165.00 ea.

TWIN Engine, Two instruments, EDM-750 two 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 and 4-CHT per engine + RPM & MAP, 16 probes) \$6695.
- EDM-850-6C (6-EGT and 6-CHT per engine + RPM & MAP, 24 probes) \$8100.

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

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

List Price

• ADD RPM to EDM-700	\$ 285 single only
• TIT , Turbine Inlet Temperature (Can monitor Two (2) turbines) \$165 each.	\$ 165
• Oil Temperature System each	\$ 165
• OAT , Outside Air Temperature System	\$ 165
• IAT/CDT Induction air, Compressor Temp, and Carb Carburetor Temp. \$165 each	\$ 165
• EGT and CHT replacement probes	\$ 104
• CHT Adapter probe (JPI CHT to coexist with Factory bayonet probe)	\$ 85
• CHT Tannis probe replaces JPI bayonet probe.	\$ 85
• Additional Primary functions CHT, OIL Temp. and TIT each	\$ 400
• Fuel Flow (Gal/Hr), using your transducer. W/O transducer, STC/ TSO approved	\$ 675
• High flow transducer for some 9 cyl. (6 to 120 GPH) TSO'd. Larger available, call	\$ 980
• High fuel flow FT6-8AEXS -LEA-2022 max capacity 6 to 240 gph	\$ 1147
• Interface Cable for Laptop/computer	\$ 39
• EZTRENDS®II Computer program , not required, but makes it easy to view parameters.	\$ 99
• EZTRENDS®I Computer program, supplied with kit	\$ Free
• USB Download box with memory stick. No laptop required.	\$ 200
• USB integrated into old or new EDM. Memory stick included. No laptop required	\$ 285
• Bigger Display for 4,6,7,8,9 cyl on new order or update old instrument	\$ 350

TSO and STC FAA approved

*FS-450 Fuel flow instrument, better than FP-5L
With Transducer, Firesleeve and GPS interface.*

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	\$ 675.
PN 450000-R Rotax engine 2-30 GPH Dual transducers	\$ 995.
PN 450000-H High flow, range up to 120 GPH.	\$1555.
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	\$1595
Qt 2 AN816 - #4-4 or #6-4 or #7-4 fitting , 1/4 NPT Steel , special for FF transducer	\$ 9.95

EDM-700 conversion to an EDM-800.

Return the EDM-700 indicator and inform JPI as to what functions you already have, like OAT etc.






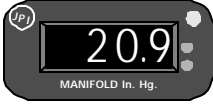
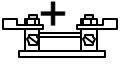

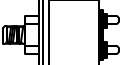
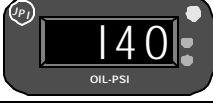
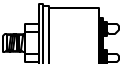
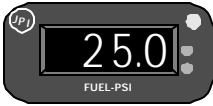
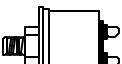


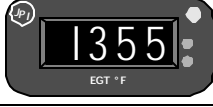
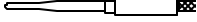


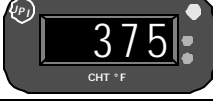
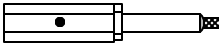
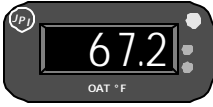

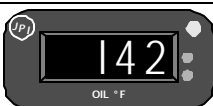


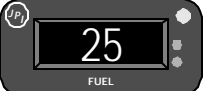
1. **Upgrade EDM 700-4or-6 with fuel flow to EDM-800.....\$ 1330.(4C) / \$1120.(6C)**
2. **Upgrade EDM 700-4-or-6 without fuel flow to EDM-800.....\$1995.(4C) / \$1795.(6C)**

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




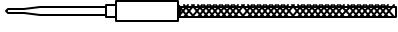
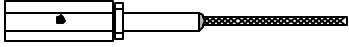





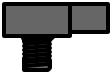
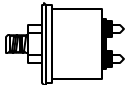






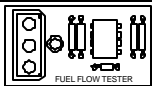
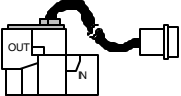
J.P. INSTRUMENTS, inc.

PO BOX 7033, Huntington Beach CA 92646. Tel: 714-557-5434, 1-800-345-4JPI (ALL States), FAX: (714) 557-9840

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
		Tachometer 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
		FS-450 Fuel Flow, 2 1/4 size x 1.5 deep 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. \$1555	TSO	STC
		Manifold Pressure 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
		Volt/Amp Meter/Shunt included Ammeter/Loadmeter, Resolution 0.1 V/A, Discharge alarm. Shunt capacity to 100 amps	\$ 245 Shunt \$100		Experimental aircraft only
		Oil Pressure Resolution 1 psi, Low pressure alarm at 15 psi, 2-160 psi range.	\$295		Experimental aircraft only
		Fuel Pressure Resolution 1 psi, with alarm Injected engine 10 – 32 psi range Carburetor 1 to 8 psi	\$295 \$350		Experimental aircraft only
		Boom Pressure Resolution 1 psi, 2-160 psi range.	\$295		Experimental aircraft only
		Exhaust Gas Temperature Resolution 1 or 10°, High temperature alarm set to 1650° F.	\$295	TSO	FAA approved
		Turbine Inlet Temperature Resolution 1 or 10°, High temperature alarm set to 1650° F.	\$295	TSO	STC as Primary Replacement of original equipment
		Cylinder Head Temperature Resolution 1 degree , High temperature alarm set to 450°F.	\$295	TSO	STC as Primary Replacement of original equipment
		Outside Air Temperature Resolution 1 degree, Range -40 to 195°F. Specify °C or °F	\$295	TSO	FAA approved
		Oil Temperature Resolution 1°, High temperature alarm set to 230°F.	\$295	TSO	STC as Primary Replacement of original equipment
		Carburetor Temperature Resolution 1°F. No Alarms	\$295	TSO	FAA approved
		Fuel Quantity Gage Functions with your Resistive sender, Stuart Warner etc. To order we need full and empty resistance and tank quantity.	\$195		Experimental aircraft only

Replacement Probes and Sensors

		Part number	List price
	EGT probe, High Response	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	400505L/C	\$165
	OIL probe collar adapter, 5/8-18 port to 1/8 NPT	400503	\$40
	Carburetor temperature probe, 1/4-24 thread or slim OAT probe	400128	\$165
	Induction air probe, 1/8 pipe or clamp	M111IAT	\$165
	Compressor discharge probe, 1/8 pipe or clamp	M111CDT	\$165
	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	\$158
	Fuel pressure Carburetor, sensor 1/2 to 20 psi 1/8 NPT	790775	\$350
	RPM pressurized mag only sensor for Bendix 20 series	420806	\$395
	RPM pressurized mag only sensor for Bendix 1200 series	420807	\$395
	RPM pressurized mag sensor for Slick 4000, 6000 series	420809	\$395
	Standard RPM vent plug sensor, fits any Bendix	420815-2	\$395
	Standard RPM vent plug sensor, fits any Slick	420815-1	\$395
	Shunt, 50 m.v. / 100 amp	159920	\$100
	Fuel flow tester. Generates pulses simulating Flow Scan fuel flow transducer.	FF TESTER	\$35
	Fuel Flow Transducer Pressure201 or Gravity 231. K-Factor 29.90 and 19.00	700901	\$395

EDM-900 or 930 Pricing

Part Number	Experimental	List Price
900-4CX		\$2200
900-6CX		\$2600
930-4CX		\$4200
930-6CX		\$4500

TSO/OEM Requires field approval/OEM

900-4CTSO		\$7600
900-6CTSO		\$7800
930-4CTSO		\$8600
930-6CTSO		\$8800
930-7CTSO		\$10500
930-8CTSO		\$10700
930-9CTSO		\$10900

950-XTSO	Data Acquisition Unit (DAU) RS-232 data. No Display Probes separate.	\$1650
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Primary STC/TSO approved to replace all engine gages see AML

900-4CP		\$8600
900-6CP		\$8800
930-4CP		\$9600
930-6CP		\$9800
930-7CP		\$11280
930-8CP		\$11480
930-9CP		\$11680

900/930 Packages Include (hardware):	Other Functions Included:
<ul style="list-style-type: none"> • EDM-900 or 930 Display Unit • RAD display • Pre-wired Harness • All EGT & CHT Probes and Harness • Oil Pressure Transducer and Harness • Oil Temperature Transducer and Harness • Fuel Flow Transducer and Harness • OAT Probe and Harness • Fuel Pressure Transducer and Harness • RPM Pickup and Harness • Manifold Pressure Transducer and Harness • Shunt 100 amp and Harness • Volts V₁ and Harness • Remote Access Display 8 Alpha Numeric Characters. Backup display • Free Plotting Software EZTrends© 	<ul style="list-style-type: none"> • EGT Differential Span Hottest to Coolest • CHT Differential Span Hottest to Coolest • Shock Cooling on all cylinders • Accurate Lean and over lean Horsepower • GPS Interface to any GPS even hand held • Fuel Efficiency, Fuel Used for the Trip • Fuel Used Since Fill up, Time to Empty • Distance to Empty • Fuel required to next Way Point or destination • Fuel Reserve at way point or destination • Flight Timer • Tach Timer, Engine Hours • Date, Zulu Time
<p>Options Available :</p> <ul style="list-style-type: none"> • Amps₂, Volts₂ • TIT₁, TIT₂ • CDT (Compressor Discharge Temperature) • IAT (Induction Air Temperature) • Diesel MAP to 105 in hg • Diesel RPM • 900/930 Capacitance, fuel level SENDORS 	