EDM-700/760/790/800/900/930 & 450 SYSTEM PRICE LIST

Effective August 22, 2014

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 on the Electronics ……included**
- **Quick response probes, fastest accurate readings, pre-made harness and hardware……included**
- **Data Memory, reading once every 2 to 255 seconds. ……included**
- **EZPlot-1 program for plotting and downloading data……included**
- **USB download port built in with memory stick……NEW on 730/830/790/900 series included**
- **Full color TFT screen 4 inches Diagonal …… NEW on 730/830/790/900 series included**

SINGLE Engine EDM-700/800, 4,6,7,8,9 Cyl. TSO and STC'd

Display's EGT's, CHT's, TIT and/or Oil Temp (digital and bar graph display). Other temperatures & functions will be displayed digitally only.. Engine analysis performed automatically with Pilot Programmable Over-Temp Limits, a Differential Limit and a Shock-Cooling Limit. Range for Bars and Scan Rate are also Pilot Programmable. Proprietary Peak Detect for ROP and LOP eliminates false peak readings. Indicates as each Cylinder reaches Peak EGT. Displays Temperature Below Peak EGT for accurate Leaning. Fuel/Air Mixture Profiling. Normalized Mode with Long Term Memory for Easy Problem Detection and Trend Analysis. Charting and download software free included with 3 yr warranty.

Specification: 2.615" x 2.615" x 7.1" Depth. 2 1/4" or 3 1/8" Mount. 13 Oz. Unit. 1°F Resolution. Accuracy: 1/2%. Plasma display viewable in direct and indirect sunlight.

Part Number		List Price
• **EDM 700-4C**	4 cyl. (4-EGT and 4-CHT), 8' cables includes Memory with Free Download and Charting software. 3yr Warranty	**$1,645**
• **EDM 700-6C**	6 cyl. (6-EGT and 6-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty	**$1,990**
• **EDM 700-7C**	7 cyl. (7-EGT and 7-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty	**$2,336**
• **EDM 700-8C**	8 cyl. (8-EGT and 8-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty	**$2,696**
• **EDM 700-9C**	9 cyl. (9-EGT and 9-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty	**$2,966**
• **EDM 800-4C**	4 cyl. with %HP/FF/OAT/MAP/RPM 8' cables includes Memory with Free Download and Charting software. 3yr Warranty	**$2,995**
• **EDM 800-6C**	6 cyl. with %HP/FF/OAT/MAP/RPM 8' cables includes Memory with Free Download and Charting software. 3yr Warranty	**$3,475**
• **EDM 711 primary for CHT-OIL and TIT add $300 to the above prices for each primary**		**$ 300**
• **Fuel Flow option for EDM-700's, Complete with FloScan 201 Transducer (flow to 45 GPH)**		**$ 490**
• **Fuel Flow Electronics option for EDM-700's, functions with any digital transducer**		**$ 195**
• **Oil Pressure option**		**$ 299**
• **Bigger 3" Display for all above instruments add $300 to above prices** • **See OPTIONS page for more options**		**$ 300**

EDM OPTIONS

Item	Description	List price
1.	EGT or CHT Kit with hardware	$120
2.	CHT gasket M-113-3/8 probe (JPI CHT to coexist with Factory bayonet probe or Heaters)	$120
3.	TIT Probe, specify M-111T(Clamp) T-118 (1/8" NPT), M-111TT (7/16"-20) or T-114 (1/4" NPT)	$195
4.	RPM sensor to EDM-700/730 Slick or Bendix	$ 295
5.	OIL pressure sensor to EDM-700/800 and 730 PN 306018	$ 295
6.	Manifold pressure PN 604010 for EDM-700/800 and 730/830 series	$ 295
7.	Oil Temperature 1/8 NPT thread PN 400505	$ 195
8.	Oil Temperature 5/8-18 thread Primary PN 400509	$ 195
9.	Primary Series Fuel Pressure Non-Turbocharged	$ 485
10.	Primary Series Fuel Pressure, Turbocharged upper/lower deck pressure	$ 980
11.	Primary Series Manifold pressure, Oil Pressure	$ 485 ea
12.	OAT, Outside Air Temperature System	$ 195
13.	IAT/CDT Induction air, Compressor Temp, and Carb Carburetor Temp.	$ 195 ea
14.	Fuel Flow option(700 or 730), Without transducer, Harness included works with any digital	$ 195
15.	Fuel Flow option (700 or 730), With FloScan transducer (201 or 231) Harness included	$ 490
16.	Fuel Flow Differential Module with FloScan transducer	$ 395
17.	High flow transducer for some 9 cyl. (6 to 120 GPH) TSO'd. Larger available, call	$ 980 ea
18.	Extra High fuel flow FT6-8AEXS-LEA-2022 max capacity 6 to 240 gph	$ 1200
19.	USB Download box with memory stick for 700/800/760 only. No laptop required.	$ 200
20.	USB integrated into old or new EDM 700/800/760. W/ Memory stick. No laptop required	$ 250
21.	740 Experimental package add to 740 Fuel Level, Fuel Pressure and AMPS.	$ 263
22.	740 Experimental package add to Fuel Level, Fuel Pressure and AMPS and Bottle Pressure	$ 770
24.	740 Experimental package with compressed air Bottle Pressure.	$ 450.
25.	Carbon Monoxide Detector: by CO Guardian, Unit also provides Cabin Pressure (altitude) and Cabin Temperature.	$ 459ND
26.	Real-Time Data Out: RTDO, provides telemetry data for UAV's, racers and other applications.	$ 660
27	Software upgrade all models	$125

TRADE-IN EDM 700/800/760 to EDM-730/830/and the new 790 Indicator only.

(Use existing system wire harness, probes and Transducers). **$1350.**

Functions: Display's EGT's, CHT's, TIT and/or Oil Temp (digital and bar graph display). Other temperatures & functions will be displayed digitally only.. Engine analysis performed automatically with Pilot Programmable Over-Temp Limits, a Differential Limit and a Shock-Cooling Limit. Range for Bars and Scan Rate are also Pilot Programmable. Proprietary Peak Detect for ROP and LOP eliminates false peak readings. Indicates as each Cylinder reaches Peak EGT. Displays Temperature Below Peak EGT for accurate Leaning. Fuel/Air Mixture Profiling. Normalized Mode with Long Term Memory for Easy Problem Detection and Trend Analysis. Charting and download software free included with 3 yr warranty.
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Specification: 3.25" x 4.25" foot print with a 31/8th Mount 2" deep and 13 Oz. Unit. 3. Oz for each probe and 8' cable. 1°F Resolution. Accuracy: 1/2%. TFT display viewable in direct and indirect sunlight. Operates from 7.5 to 35 volts at 1/2 amp.

EDM-730 Display

EDM-830 Display

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

Part Number		List Price
EDM-730-4C	4-EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB	$1,945
EDM-730-4CF	4 cylinder add fuel flow to above	$2,435
EDM-730-6C	6-EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB	$2,735
EDM-730-6CF	6- cylinder add fuel flow to above	$3,225
EDM-730-7C	7 EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB	$2,895
EDM-730-8C	8 EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB	$2,995
EDM-730-9C	9 EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB	$3,200
EDM-830-4C	4 EGT/CHT, %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$3,235
EDM-830-6C	6 EGT/CHT ,%HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$3,550
EDM-830-7C	7, EGT/CHT,%HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$3,845
EDM-830-8C	8, EGT/CHT,%HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$4,145
EDM-830-9C	9, EGT/CHT,%HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$4,445

EXPERIMENTAL ONLY EDM-740

EDM-740-4C	4 EGT/CHT , %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$3,199
EDM-740-6C	6 EGT/CHT , %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$3,450
EDM-740-9C	9 EGT/CHT , %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB	$5,525
PN 7564	Fuel Level, Left / Right tank, Fuel Pressure (Carb /Injected) and AMPS (100)	$ 263
PN 159939	Air Bottle Pressure 1000 psi only	$ 450
	Fuel Level, Fuel Pressure, AMPS plus Air Bottle Pressure	$ 770

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

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

PART NUMBER	DESCRIPTION	PRICE
PN 450000	No transducer, indicator and harness only	$ 400
PN 450000-G	All gravity Flow installations without fuel pump.	$ 699
PN 450000-P	All Fuel injected engines with fuel pump	$ 699
PN 450000-R	Rotax engine 2-30 GPH Single transducer	$1,095
PN 450000-H	High flow, range up to 120 GPH.	$ 980
PN 450000-D	Pressure Carburetor engines with vapor return lines. Requires Dual transducers.	$1,095
PN 450000-M	Twin Fuel Flow, Single Display w/two transducers 3 inch display	$1,200
PN FFDM	Fuel Flow Differential Module with FloScan transducer	$ 395
PN AN816-4-4	Qt 2 AN816 -4 hose to ¼ NPT steel fittings, most Continentals	$ 11
PN AN816-6-4	Qt 2 AN816 -6 hose to ¼ NPT steel fittings, most Lycoming	$ 11
PN 816	Fiberglass sleeve 1.5" x 8" or	$ 5
	Continuous per ft	$ 10 ft

Single Fuel Flow FS-450

Twin Fuel Flow FS-450M

The EDM-900 comes standard with a full-color VGA bar graph which assists with (ROP/LOP) leaning. Additionally, the bar graph has both "normalized" and digital readout of EGT and CHT above each column and in the message area on a single screen. . No other bar graph in the industry comes close to providing the number of functions, the EDM-900 offers, 39. All can be added and displayed

Specification: 4.5" x 3.3" x 2.0" Depth. 3 1/8TH " Mount and 8' cable. 1°F Resolution. Linearized Accuracy: 1°F VGA display viewable in direct and indirect sunlight. Operates from 10 to 35 volts at 1/2 amp.

Standard included functions:

- **Display VGA 1000 nits sunlight readable**
- RPM
- M.P. Manifold Pressure
- EGT/CHT bar graph all cyls.
- Fuel Flow, FloScan 201
- OAT Outside Air Temp.
- Oil Temp.,
- Oil Press.,
- Volts-1
- Amp-1 with Shunt 100 amp
- % HP
- Pre-Wired Harnesses 8ft
- USB Memory stick 1 GB/ Recording
- EZTrends Charting Software free
- LOP Algorithm
- 3 year Warranty

Foot print 4.5" x 3.3"

NEW EDM-900 Primary ❖ Standard 3.$^{1/8}$ hole required for installation
4 Fuel level read outs available ❖ No Remote boxes, all in one instrument

Part Number	TSO & STC Primary approved to replace all POH gauges	*List Price*
900-4CP-0	**4 Cyl. For NO Fuel Tanks Primary package.**	**$4,332**
900-4CP-2	**4 Cyl. For L/R 2 Fuel Tanks , Primary package.**	**$4,495**
900-4CP-4	**4 Cyl. For L/R and Aux 4 Fuel Tanks , Primary package.**	**$4,795**
900-6CP-0	**6 Cyl. For NO Fuel Tanks Primary package**	**$4,718**
900-6CP-2	**6 Cyl. For L/R 2 Fuel Tanks , Primary package.**	**$4,920**
900-6CP-4	**6 Cyl. For L/R and Aux 4 Fuel Tanks , Primary package.**	**$5,397**
900-7CP-4	**7 Cyl. For L/R and Aux 4 Fuel Tanks , Primary package.**	**$5,837**
900-8CP-4	**8 Cyl. For L/R and Aux 4 Fuel Tanks , Primary package.**	**$6,215**
900-9CP-4	**9 Cyl. For L/R and Aux 4 Fuel Tanks , Primary package.**	**$6,615**
900-D	**May be used to display parameters in a second location.**	**$2,359**
Experimental	**Special Experimental discount from above prices**	**$-1000 off**

The EDM-900 can be configured to display ALL of the options listed below.
Prices good for full kits only

• TIT-1 or TIT-2 Turbine Inlet Temp. one or two	$195 ea	• AMP-2 or Volts-2 Second Volts or Amps	$ 195 ea
• Fuel Pressure non Turbo charged engine	$295	• CDT Compressor Discharge Temp.	$ 195
• Fuel Pressure Upper/Lower deck Turbo charged	$395	• IAT Induction Air Temp.	$ 195
• Remote warning light	$59	• CARB Carburetor Temp.	$ 95
• Pressure Carburetor extra fuel flow Transducer	$295	• Carbon Monoxide Detector	$ 495

HD GLASS PANEL DISPLAYS

The EDM-930 comes standard with a full-color VGA bar graph which assists with (ROP/LOP) leaning. Additionally, the bar graph has both "normalized" and digital readout of EGT and CHT above each column and in the message area on a single screen. . No other bar graph in the industry comes close to providing the number of functions, the EDM-930 offers, 39. All can be added and displayed

Standard included functions:

- Display VGA 1000 nits sunlight readable
- RPM
- M.P. Manifold Pressure
- EGT/CHT bar graph all cyls.
- Fuel Flow, FloScan 201
- OAT Outside Air Temp.
- Oil Temp.,
- Oil Press.,
- Volts-1
- Amp-1 with Shunt 100 amp
- % HP
- Pre-Wired Harnesses 8ft
- USB Memory stick 1 GB/ Recording
- EZTrends Charting Software free
- LOP Algorithm
- 3 year Warranty

Specification: 5.54"x 4.73"foot print 2.4" deep and 24 Oz., 1°F Resolution. Linearized Accuracy of 1 degree not (1/2% =10 degrees). TFT display viewable in direct and indirect sunlight. Operates from 7.5 to 35 volts at 1/2 amp.

NEW EDM-930 Primary

4 Fuel level read outs available ❖ No Remote boxes, all in one instrument

Part Number	TSO & STC Primary approved to replace all engine gauges	*List Price*
930-4CP-0	**4 Cyl. Without Fuel Tanks Primary package.**	**$6,217**
930-4CP-2	**4 Cyl. For L/R 2 Fuel Tanks. Primary package.**	**$6,518**
930-4CP-4	**4 Cyl. For L/R & Aux 4 Fuel Tanks, Primary package.**	**$7,073**
930-6CP-0	**6 Cyl. Without Fuel Tanks Primary package**	**$6,759**
930-6CP-2	**6 Cyl. For L/R 2 Fuel Tanks , Primary package.**	**$7,143**
930-6CP-4	**6 Cyl. For L/R & Aux 4 Fuel Tanks , Primary package.**	**$7,697**
930-7CP-4	**7Cyl. For L/R & Aux 4 Fuel Tanks , Primary package.**	**$8,308**
930-8CP-4	**8 Cyl. For L/R & Aux 4 Fuel Tanks , Primary package.**	**$8,602**
930-9CP-4	**9 Cyl. Primary package, includes a high flow fuel xducer to 125 GPH**	**$10,613**
930 D	**May be used to display parameters in a second location.**	**$3,145**
Experimental SPECIAL	**Special Experimental discount from above prices**	**$-1000 off**

In addition to its bar graph, the EDM-930 can be configured to display ALL of the options listed below.
Prices good for full kits only

• TIT-1 or TIT-2 Turbine Inlet Temp. one or two	$195 ea	• AMP-2 or Volts-2…..Second Volts or Amps	$ 195 ea
• Fuel Pressure Upper/Lower deck Turbo charged	$395	• CDT Compressor Discharge Temp.	$ 195
• Pressure Carburetor extra fuel flow Transducer	$295	• IAT Induction Air Temp.	$ 195
• Turbocharged Package (TIT, Fuel Press upper/lower deck)	$545	• CARB Carburetor Temp.	$ 195
		• Carbon Monoxide Detector	$ 495

Standard included functions:

- Display VGA 1000 nits sunlight readable
- RPM
- M.P. Manifold Pressure
- EGT/CHT bar graph all cyls.
- Fuel Flow, FloScan 201
- OAT Outside Air Temp.
- Oil Temp.,
- Oil Press.,
- Volts-1
- Amp-1 with Shunt 100 amp
- % HP
- Pre-Wired Harnesses 8ft
- USB Memory stick 1 GB/ Recording
- EZTrends Charting Software free
- LOP Algorithm
- 3 year Warranty

Specification: 5.54"x 4.73"foot print 2.4" deep and 24 Oz., 1°F Resolution. Linearized Accuracy of 1 degree not (1/2% =10 degrees). TFT display viewable in direct and indirect sunlight. Operates from 7.5 to 35 volts at 1/2 amp.

EDM-960 Primary Pricing for *TWIN* engine
Single Display with Dual Pointers

Part Number	TSO & STC Primary approved to replace all engine gauges see JPI	*List Price*
960-4CP-0	**4 Cyl. Without Fuel Tanks Primary package**	**$15,425**
960-4CP-2	**4 Cyl. For L/R 2 Fuel Tanks ,**	**$16,055**
960-4CP-4	**4 Cyl. For L/R & Aux 4 Fuel Tanks ,**	**$17,147**
960-6CP-0	**6 Cyl. Without Fuel Tanks Primary package.**	**$16,795**
960-6CP-2	**6 Cyl. For L/R 2 Fuel Tanks**	**$17,444**
960-6CP-4	**6 Cyl. For L/R & Aux 4 Fuel Tanks**	**$18,375**
960-7CP	**7Cyl. 4 Fuel Tanks , w/ FF transducer complete**	**$18,990**
960-8CP	**8 Cyl. 4 Fuel Tanks , w/ FF transducer complete**	**$19,500**
960-9CP	**9 Cyl. 4 Fuel Tanks, less FF Transducer**	**$19,950**

. In addition to its bar graph, the EDM-960 can be configured to display ALL of the options listed below.

• TIT-1 or TIT-2 Turbine Inlet Temp. one or two	$195 ea	• AMP-2 or Volts-2…..Second Volts or Amps	$ 150 ea
• Pressure Carburetor extra fuel flow Transducer	$295	• CDT Compressor Discharge Temp.	$ 195
• Turbocharged Package (TIT❖ Fuel Press upper deck)	$545	• IAT Induction Air Temp.	$ 195
• Carbon Monoxide Detector	$ 495	• CARB Carburetor Temp.	$ 195

Twin Engine EDM-760 and EDM-851 Advisory instruments

Come with 20 ft harness. EDM-851 with special Synchronizer harness.

Please note the standard EDM-730/830 comes with 8 ft harness on all sensors, twins require 20 ft minimum. *See page 10*

TWIN Engine, EDM-760 Plasma display, one 3 1/8th instrument

EDM-760-4C	**(4-EGT & 4-CHT per engine + Memory, 16 probes)**	**$3,695**
EDM-760-6C	**(6-EGT & 6-CHT per engine + Memory, 24 probes)**	**$4,500**
	Fuel Flow option with two transducers	**$1,200**
	Fuel Flow option without transducers	**$ 850**
	Options available: Second TIT, OAT, Carb. and Oil Temperature @ $195 ea.	

TWIN Engine, NEW EDM-790 Flat panel TFT display, One 3 1/8 instrument

EDM-790-4C	**(4-EGT & 4-CHT per engine + Memory, 16 probes)**	**$4,100**
EDM-790-6C	**(6-EGT & 6-CHT per engine + Memory, 24 probes)**	**$4,950**
	Fuel Flow option with two transducers	**$1,200**
	Fuel Flow option without transducers	**$ 850**
	Trade-in EDM-760 to EDM-790 indicator only	**$1,350**

TWIN Engine, Two 3 1/8 **instruments, EDM-751/851 two EDM-730/830.**

EDM-751-4C	**(4-EGT & 4-CHT per engine + Memory, 16 probes)**	**$4,590**
EDM-751-6C	**(6-EGT & 6-CHT per engine + Memory, 24 probes)**	**$5,900**
EDM-851-4C	**(4-EGT/CHT per engine + RPM & MAP, OAT, Fuel Flow)**	**$6,695**
EDM-851-6C	**(6-EGT/CHT per engine + RPM & MAP, OAT, Fuel Flow)**	**$8,700**

Options available: Second TIT, OAT, Carb. and Oil Temperature @ $195.00 ea

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KITS INCLUDE:

INSTRUMENT	FUNCTIONS INCLUDED IN KIT	OPTIONAL FUNCTIONS
EDM-700 Plasma 	• **EGT 4 or 6 probes** • **CHT 4 or 6 probes** • **Volts** • **Shock cooling on ALL cylinders** • **LOP/ROP JPI Exclusive Leaning Mode** • **Span (highest to lowest EGT)** • **Power connector** • **EGT/CHT Harness** • **EZTrends** Charting and download Software free • **Serial Data recording** • **3 year Warranty**	• **Fuel Flow** • **Oil Temp** • **Oil Pressure** • **RPM** • **OAT** • **TIT** • **CDT** • **IAT** • **CARB Temperature** • **Download box with Memory stick** • **USB built-in with Memory stick**
EDM-800 Plasma 	• **EGT 4 or 6 probes** • **CHT 4 or 6 probes** • **Volts** • **Shock cooling on ALL cylinders** • **LOP/ROP JPI Exclusive Leaning Mode** • **Fuel Flow (USED, Remaining, GPH Endurance, GPS destination)** • **RPM** • **MAP** • **OAT** • **%HP (Requires: OAT, RPM, MAP, & FF)** • **All required Harnesses** • **EZTrends** Charting and download Software free • **Serial Data recording** • **3 year Warranty**	***Optional functions*** • **Oil Pressure** • **Oil Temperature** • **TIT** • **CDT** • **IAT** • **CARB Temperature** • **Download box with Memory stick** • **USB built-in with Memory stick**
EDM-730 color 	• **EGT 4 or 6 probes** • **CHT 4 or 6 probes** • **Volts** • **Shock cooling on ALL cylinders** • **Span (highest to lowest EGT)** • **LOP/ROP JPI Exclusive Leaning Mode** • **Power connector** • **EGT/CHT Harnesses** • **EZTrends** Charting and download Software free • **Data recording-100 hrs. Download USB** • **1 GB memory stick** • **Selectable Positions for Linear gauges** • **3 year Warranty**	***Optional functions*** • **Fuel Flow** • **Oil Temperature** • **Oil Pressure** • **OAT** • **TIT** • **CDT** • **IAT** • **CARB Temperature** • **RPM** • **MAP** • **%HP**
EDM-830 color 	• **EGT 4 or 6 probes** • **CHT 4 or 6 probes** • **Volts** • **Shock cooling on ALL cylinders** • **LOP/ROP JPI Exclusive Leaning Mode** • **Fuel Flow (USED, Remaining, GPH Endurance, GPS destination)** • **RPM** • **MAP** • **Oil Temperature **** • **Oil Pressure **** • **OAT** • **%HP (Requires: OAT, RPM, MAP, & FF)** • **Power connector** • **All required Harnesses** • **EZTrends** Charting and download Software free • **Data recording-100 hrs. Download USB** • **1 GB memory stick **** • **Selectable Positions for Linear gauges **** **3 year Warranty**	***Optional functions*** **CDT** **IAT** **CARB Temperature** **TIT** **** included on the 830's only** **Optional on the 800**

EDM-740 	• **Same as the EDM-830 plus additional Options** • **YES! Now optional FUEL Level, Fuel Pressure (injected only) and Amps with shunt.** • **User Selectable Positions for Linear gauges.** • **3 year Warranty**	***Optional functions*** **CDT** **IAT** **CARB Temperature** **TIT** **Air Pressure 1000 psi** ***Sold as single package only*** **L/R-Tank Fuel Quantity ,Res or Cap.** **Fuel Quantity probes not included** **Only electronics to connect.** **F-P Fuel Press W/transducer** **AMP Amps w/100 amp shunt**
EDM-760 TWIN 	• **EGT 4 or 6 probes** • **CHT 4 or 6 probes** • **Volts** • **Shock cooling on ALL cylinders** • **Span (highest to lowest EGT)** • **EGT Normalize mode** • **LOP/ROP function** • **Power connector** • **All required Harnesses 20 ft** • **EZTrends** Charting and download Software free • **Charting and download Software free** • **Serial Data recording -25 hours** • **3 year Warranty**	***Optional functions*** • **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** • **USB built-in with Memory stick**
EDM-790 	• **EGT 4 or 6 probes** • **CHT 4 or 6 probes** • **Volts** • **Shock cooling on ALL cylinders** • **Span (highest to lowest EGT)** • **EGT Normalize mode** • **LOP/ROP function** • **Power connector** • **All required Harnesses 20 ft** • **EZTrends** Charting and download Software free • **Data recording -600 hours** • **USB memory stick 1 GB** • **3 year Warranty**	***Optional functions*** • **Fuel Flow (USED per engine, Remaining, GPH, Total fuel USED both engines, Endurance, GPS destination)** • **Oil Temperature** • **OAT** • **TIT** • **CARB Temperature**

Primary Instruments

EDM-900 Single Primary

EDM-930 Single Primary

EDM-960 TWIN Primary

Indicator with SVGA Display
RPM Prop sender
MAP Manifold Press Subtract $195 not req.
EGT Exhaust Gas Temp. ea Cyl..
CHT Cylinder Head Temp. ea Cyl.
O-T Oil Temperature
O-P Oil Pressure
OAT Outside Air Temp.
Fuel Pressure (Optional on EDM-900)
VDC Voltage (1)
AMP Current amps (2 twins)
Fuel Flow Transducer FloScan
Remote display (RAD) (Optional on EDM-900)
% HP Percent of Horse Power
USB Memory stick 1 GB
Data Recording 800 Hrs every 6 sec.
EZTrends Charting and download Software free
Pre-Wired Harnesses for all functions
EGT Normalize mode
LOP/ROP JPI Exclusive Leaning Mode
Flight Timer
Tach Hobs
Local Time
Zulu Time
Data Recording
USB Port
External Caution Lights
GPH Gallons per Hour GPH
REQ Required to wp or destination
USD Fuel used
H:M Endurance Hours & Minutes
MPG Miles per Gal
CLD Shock Cooling on ALL cylinders
DIFF Difference between EGT's
3 year Warranty

Optional functions

TIT Turbine Inlets Temp.(2)
F-P Fuel Pressure
F-P Differential Fuel Press.
CRB Carburetor Temp.
CDT Compressor Discharge
IAT Induction Air Temp.
Volts pick-up V-2
Amps 2
L/R-Tank Fuel Quantity module
L/R-Aux Fuel Quantity module
Fuel Quantity senders capacitance

Turboprop TSO'd Instruments

EDM-900T

- Display SVGA
- Pre-Wired Harnesses
- N1 & N2
- Torque Pressure Transducer
- Oil Pressure Transducer
- Oil Temperature Probe,
- Fuel Pressure Transducer
- Fuel Flow Transducer
- OAT Probe
- Shunt (For Amps)
- Volts Pickup,
- USB Download/Upload Memory Stick.

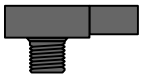
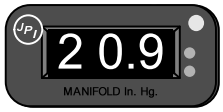
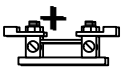
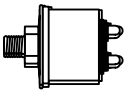
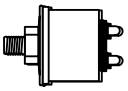
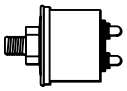
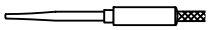
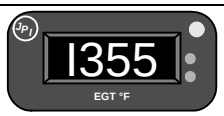
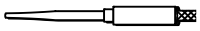
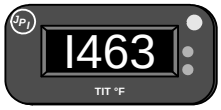
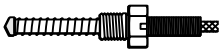
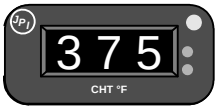
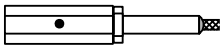
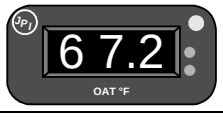
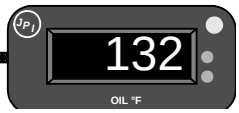
Prices start at $7900. Standard systems are available, but most are customized per the project based on Functions and Transducers needed.

Other Functions Included

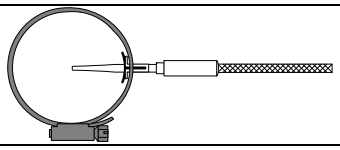
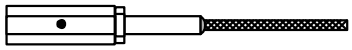
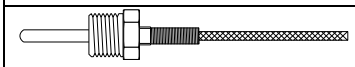
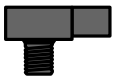
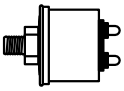
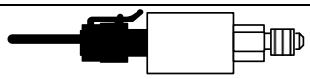
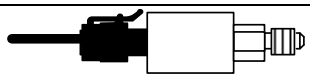
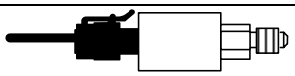
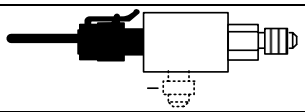
- GPS Interface and Data,
- Fuel Efficiency,
- Fuel Used for Trip,
- Fuel Used Since Last Fill Up,
- Time to Empty, Fuel to waypoint,
- Time to Waypoint,
- Distance to Waypoint,
- Fuel in Reserve,
- Time in Reserve,
- Distance in Reserve,
- Flight Timer,
- Engine Hours,
- Cycles, Date,
- Local Time,
- Zulu Time,
- Warnings.

SlimLine

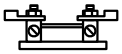
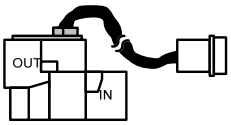
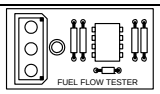
Bright red display with common remote enunciator alarm signal. Specify the red line limit for your aircraft on those gauges that have alarms. All instruments come complete with sensors. All Slims except FS-450 are **Size 1” x 2”x 3” deep**

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**
		**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	**$295 W Shunt**		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 or 10 -100 psi range	**$295**		Experimental aircraft only
		**Boom Pressure** Resolution 2 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**

Replacement Probes and Sensors

Probe type	Description	Part number	Price
	EGT probe, High Response with hardware, type K grounded	*M111*	**$120**
	CHT probe, spark plug gasket, type K grounded	*M113*	**$120**
	CHT probe, threaded bayonet, spring loaded, type K grounded	*5050T*	**$120**
	TIT probe, Clamp, 7/16-20 or 1/8 th NPT and extension lead type K grounded	*M111T*	**$195**
	OAT probe with shield and extension lead	*400510*	**$195**
	OIL temperature probe 1/8 NPT, Lycoming and Continental for Advisory instruments type K grounded	*400505L/ C*	**$195**
	OIL 5/8-18 thread for Primary instruments. Replaces original sensor type K grounded	*400509*	**$195**
	Carburetor temperature probe, ¼-24 thread or slim OAT probe type K grounded	*400128*	**$195**
	Adaptor probe permits the JPI probe and the factory CHT to coexist in the same location type K grounded	*M113-3/8*	**$120**
	Manifold pressure sensor, 0 to 60 inches of Hg. 1/8 NPT	*604010*	**$299**
	Oil pressure sensor 0-150 psi 1/8 NPT… Sensor Only See Oil pressure Option for EDM-700/800	*3060-18*	**$299**
	Fuel pressure Injected engine sensor 5-32 psi 1/8 NPT	*3060-17*	**$200**
	Manifold pressure Gauge 7/16 UNJF #4 fitting TSOA Range 0-60 PSIA	*159934A*	**$480**
	Oil pressure Gauge 7/16 UNJF #4 fitting TSOA Range 0-150 PSIG	*159936A*	**$485**
	Fuel pressure Gauge 7/16 UNJF #4 fitting TSOA Range 0-50 PSIG	*159935A*	**$485**
	Fuel pressure Differential two #4 fittings TSOA Range 0-150 PSIG	*159938*	**$980**

Replacement Probes and Sensors

	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*	**$299**
	Standard RPM vent plug sensor, fits any **Slick**	*420815-1*	**$299**
	Shunt, 50 m.v. / 100 amp	*159920*	**$75**
	Fuel Flow Transducer Pressure201 or Gravity 231. K-Factor 29.90 and 19.00 Special K-Factor at fixed 28.00 available	*700901*	**$295**
	Fuel flow tester. Generates pulses simulating Flow Scan fuel flow transducer.	*FF TESTER*	**$35**