



## SYSTEM PRICE LIST

Effective March 2, 2018

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



Display's EGT's, CHT's, TIT or Oil Temp (digital and bar graph display). Other temperatures & functions will be displayed digitally only in the message area.. 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. Normalized Mode with Long Term Memory for Easy Problem Detection and Trend Analysis. . Charting software with Lat/Long is a free download. 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. Operates from 7.5 to 35 volts at 1/2 amp.

| Part Number   | Description   | List Price |
|---|---|------------|
| • EDM 700-4C  | 4 cyl. (4-EGT and 4-CHT), 8' cables includes Memory with Free Download and Charting software. 3yr Warranty      | \$1,892    |
| • EDM 700-6C  | 6 cyl. (6-EGT and 6-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty       | \$2,289    |
| • EDM 700-7C  | 7 cyl. (7-EGT and 7-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty       | \$2,686    |
| • EDM 700-8C  | 8 cyl. (8-EGT and 8-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty       | \$3,100    |
| • EDM 700-9C  | 9 cyl. (9-EGT and 9-CHT) 8' cables includes Memory with Free Download and Charting software. 3yr Warranty       | \$3,411    |
| • EDM 800-4C  | 4 cyl. with %HP/FF/OAT/MAP/RPM 8' cables includes Memory with Free Download and Charting software. 3yr Warranty | \$3,444    |
| • EDM 800-6C  | 6 cyl. with %HP/FF/OAT/MAP/RPM 8' cables includes Memory with Free Download and Charting software. 3yr Warranty | \$3,996    |
| • EDM 711 primary for CHT-OIL and TIT add \$350 to the above prices for each primary        |   | \$ 350     |
| • Fuel Flow option for EDM-700/730's, Complete with FloScan 201 Transducer (flow to 55 GPH) |   | \$ 490     |
| • Fuel Flow Electronics option for EDM-700/730's, functions with any digital transducer.    |   | \$ 195     |
| • Oil Pressure option   |   | \$ 299     |
| • Bigger 3" Display for all above instruments add \$350 to above prices                     |   | \$ 350     |
| • See EDM OPTIONS page for more options   |   |            |

## *EDM OPTIONS*

| <b>Item</b> | <b>Description</b>  | <b>List price</b> |
|-------------|---|-------------------|
| 1.          | EGT fast response rounded probe with Clamp (2 ¼ max OD). Ring Terminals (2)                                   | \$ 120            |
| 2.          | CHT Military Bayonet fast response rounded probe spring loaded with 3/8-24 thread.                            | \$ 120            |
| 3.          | CHT M-113-3/8 probe (JPI CHT to coexist with Factory bayonet probe or Heaters)                                | \$ 120            |
| 4.          | CHT gasket probe for under the spark plug 18 mm 14 mm 12 mm   | \$ 120            |
| 5.          | TIT Probe. specify M-111T(Clamp) T-118 (1/8" NPT), M-111TT (7/16"-20) or T-114 (1/4" NPT)                     | \$ 195            |
| 6.          | OAT, Outside Air Temperature System   | \$ 195            |
| 7.          | IAT/CDT Induction air, Compressor Temp, and Carb Carburetor Temp.   | \$ 195 ea         |
| 8.          | Oil Temperature 1/8 NPT thread PN 400505 Advisory   | \$ 195            |
| 9.          | Oil Temperature 5/8-18 thread PN 400509 Primary   | \$ 195            |
| 10.         | OIL pressure sensor to EDM-700/800 and 730 PN 306018 VDO  | \$ 299            |
| 11.         | RPM sensor for Slick or Bendix Mag.   | \$ 299            |
| 12.         | Manifold pressure PN 604010 for EDM-800 and 730/830 series  | \$ 299            |
| 13.         | Primary Series Fuel Pressure Non-Turbocharged   | \$ 485            |
| 14.         | Primary Series Fuel Pressure, Turbocharged upper/lower deck pressure  | \$ 980            |
| 15.         | Primary Series Manifold pressure, Oil Pressure  | \$ 485            |
| 16.         | Fuel Flow option(700 or 730). Without transducer. Harness included  | \$ 195            |
| 17.         | Fuel Flow option (700 or 730). With FloScan transducer (201 or 231) Harness included                          | \$ 490            |
| 18.         | Fuel Flow Differential Module with FloScan transducer use only on EDM-700/800                                 | \$ 395            |
| 19.         | High flow transducer for some 9 cyl. ( 6 to 120 GPH ) TSO'd. Larger available, call                           | \$ 980.           |
| 20.         | Extra High fuel flow FT6-8AEXS-LEA-2022 max capacity 6 to 240 gph   | \$ 1200           |
| 21.         | USB Download box with memory stick for 700/800/760 only. Acts as Laptop with serial port                      | \$ 200            |
| 22.         | USB integrated into old or new EDM 700/800/760. W/ Memory stick. No laptop required                           | \$ 250            |
| 23.         | 740 Experimental Kit add to 740 Fuel Level, Fuel Pressure and AMPS.   | \$ 263            |
| 24.         | 740 Experimental Kit add to Fuel Level, Fuel Pressure and AMPS and Bottle Pressure                            | \$ 770            |
| 24.         | 740 Experimental Kit 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.

# EDM-350 BASIC non certified (experimental)

## Different configurations shown



**6 Cylinder Basic**



**4 Cylinder Basic**

|                  |  |              |
|------------------|--|--------------|
| EDM-350-4C Basic | 4-EGT/CHT, Harness, Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB       | <b>\$798</b> |
| EDM-350-6C Basic | 6-EGT/CHT, Harness, Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB       | <b>\$988</b> |
| EDM-350 Options  | Any Option added requires a one time additional circuitry to be added to the Basic EDM | <b>\$200</b> |

## EDM-350 Experimental. Different configurations shown.



**EDM-350 Basic comes standard** with a full-color, 1000 Nits, display, EGT/CHT, Volts, Differential EGT and Shock Cooling (on all cylinders). All options are truly "plug and play". 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. All can be added and displayed. A 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 software with Lat/Long is a free download. 3 yr warranty.

**Specification:** 3.25" x 3.25" foot print with a 31/8<sup>th</sup> Mount 3" deep and 13 Oz. Unit. Add 3. Oz for each probe and 8' cable. 1°F Resolution. Accuracy: 1/2%. display viewable in direct and indirect sunlight 1000 nits. Operates from 7.5 to 35 volts at 1/2 amp.

| Item | Description EDM 350 Options ONLY   | List price |
|------|--|------------|
| 1.   | TIT Probe, specify M-111T(Clamp) T-118 (1/8" NPT), M-111TT (7/16"-20) or T-114 | \$ 195     |
| 2.   | OAT, Outside Air Temperature System  | \$ 195     |
| 3.   | CDT Induction air, Compressor Temp,  | \$ 195     |
| 4.   | Carb Carburetor Temp.  | \$ 195     |
| 5.   | Amps - 100 amp shunt   | \$ 150     |
| 6.   | Oil Temperature 1/8 NPT thread PN 400505 Alternate location                    | \$ 195     |
| 7.   | Oil Temperature 5/8-18 thread PN 400509 Factory location                       | \$ 195     |
| 8.   | OIL pressure sensor to EDM-350 PN 306018 VDO 0-150 psi                         | \$ 299     |
| 9.   | RPM sensor to EDM-350 Slick or Bendix  | \$ 299     |
| 10.  | Manifold pressure PN 604010  | \$ 299     |
| 11.  | Fuel Pressure Non-Turbocharged   | \$ 370     |
| 12.  | Fuel Pressure, Turbocharged upper/lower deck pressure                          | \$ 450     |
| 13.  | Remote Alarm Light   | \$ 92      |
| 14.  | Fuel Flow With FloScan transducer (201 or 231) 0-60 GPM Larger available, call | \$ 490     |
| 15.  | Fuel Flow for a Pressure Carb. Two FloScan's are required                      | \$ 595     |
| 16.  | Fuel Level L/R main . Sender type resistive or voltage                         | \$ 250     |
| 17.  | Fuel Level L/R Main , Sender type Frequency                                    | \$ 250     |
| 18.  | P-5 PCB REQUIRED for fuel level, fuel pressure, Amps-1                         | \$ 200     |

## **FS-450 Fuel flow instrument, TSO/STC Dual Readable red Display**

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

| <b>PART NUMBER</b> | <b>DESCRIPTION</b>  | <b>PRICE</b>     |
|--------------------|---|------------------|
| PN 450000          | Fuel Flow No transducer, indicator and harness only, w/GPS input/output   | \$ 650           |
| PN 450000-G        | Fuel Flow gravity installations without fuel pump. w/GPS input/output   | \$ 750           |
| PN 450000-P        | Fuel Flow injected engines with fuel pump, w/GPS input/output   | \$ 750           |
| PN 450000-R        | Rotax engine 2-30 GPH Single transducer, w/GPS input/output   | \$1,095          |
| PN 450000-H        | Fuel Flow w/ stainless steel High flow transducer, range up to 120 GPH, w/GPS input/output                                | \$1200           |
| PN 450000-D        | Pressure Carburetor engines with vapor return lines. Requires Dual transducers, w/GPS input/output w/ Differential Module | \$1,045          |
| 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 for Pressure Carb   | \$ 395           |
| PN AN816-4-4       | Qt 2 AN816 -4 hose to ¼ NPT <u>steel fittings</u> , most Continentals   | \$ 48            |
| PN AN816-6-4       | Qt 2 AN816 -6 hose to ¼ NPT <u>steel fittings</u> , most Lycoming   | \$ 48            |
| PN AN816-6-4       | Qt 2 AN816 -8 hose to ¼ NPT <u>steel fittings</u> , most Gravity Flow Cessna's  | \$ 48            |
| PN 816             | Fiberglass sleeve 1.5" x 8" or Continuous / per ft  | \$ 6<br>\$ 12 ft |



**Single Fuel Flow FS-450**



**Twin Fuel Flow FS-450M**





**EDM-730 Display**



**EDM-830 Display**

**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 software with Lat/Long is a free download. 3 yr warranty.

**Specification:** 3.25" x 4.25" foot print with a 3-1/8" Mount 2.5" 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.

***SINGLE Engine Advisory EDM-730/830, 4,6,7,8,9 Cyl.  
Only TSO/STC FAA approved 7 and 9 cylinder on the Market***

| <b>Part Number</b>               | <b>Description</b>  | <b>List Price</b> |
|----------------------------------|---|-------------------|
| EDM-730-4C                       | 4-EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB              | <b>\$1,839</b>    |
| EDM-730-4CF                      | 4 cylinder add fuel flow to above   | <b>\$490</b>      |
| EDM-730-6C                       | 6-EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB              | <b>\$2,585</b>    |
| EDM-730-6CF                      | 6- Cylinder add fuel flow to above  | <b>\$490</b>      |
| EDM-730-7C                       | 7 EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB              | <b>\$2,736</b>    |
| EDM-730-8C                       | 8 EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB              | <b>\$2,831</b>    |
| EDM-730-9C                       | 9 EGT/CHT,Shock cooling, LOP/ROP, Volts, Hi/Lo Alarms, Google Map, USB              | <b>\$3,024</b>    |
| EDM-830-4C                       | 4 EGT/CHT, %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$3,058</b>    |
| EDM-830-6C                       | 6 EGT/CHT, %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$3,355</b>    |
| EDM-830-7C                       | 7, EGT/CHT,%HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$3,634</b>    |
| EDM-830-8C                       | 8, EGT/CHT,%HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$3,918</b>    |
| EDM-830-9C                       | 9, EGT/CHT,%HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$4,201</b>    |
| <b>EXPERIMENTAL ONLY EDM-740</b> |   |                   |
| EDM-740-4C                       | 4 EGT/CHT, %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$2,879</b>    |
| EDM-740-6C                       | 6 EGT/CHT, %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$3,105</b>    |
| EDM-740-9C                       | 9 EGT/CHT, %HP, FF, OAT, MAP, RPM, Oil-T, Oil-P, Vdc, Hi/Lo Alarms, Google Map, USB | <b>\$4,973</b>    |
| PN 7564                          | Fuel Level, Left / Right tank, Fuel Pressure (Carb /Injected) and AMPS (100)        | <b>\$ 263</b>     |
| PN 159939                        | Air Bottle Pressure 1000 psi only   | <b>\$ 450</b>     |
|                                  | Fuel Level, Fuel Pressure, AMPS plus Air Bottle Pressure                            | <b>\$ 770</b>     |



The EDM-900 comes standard with a full-color VGA bar graph (not 1/4 VGA) 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:** 4.8" x 3.45" x 3.0"  
 . 3 1/8" Mount and 8' cables. 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:**

- ❖ RPM
- ❖ M.A.P. Manifold Air Pressure
- ❖ EGT/CHT.. for all cyls.
- ❖ OAT Outside Air Temp. degrees C or F
- ❖ Oil Temp. replaces factory sender
- ❖ Oil Press.,
- ❖ Fuel Flow , GPH , FloScan 201 or 231 transducer
- ❖ Est. Fuel used, Est time to empty
- ❖ Volts-1
- ❖ Amp-1 with 100 amp Shunt
- ❖ % HP
- ❖ Display VGA at 1000 nits sunlight readable
- ❖ Pre-Wired Harnesses 8ft
- ❖ Data Recording of all engine parameters with Lat / Long, GPS position
- ❖ USB Memory stick 1 GB/ Recording
- ❖ Free EZTrends Charting Software Web download.
- ❖ LOP and ROP Algorithm
- ❖ **3 year Warranty**

Foot print 4.8" x 3.45

**EDM-900 Primary, ONLY TSO/STC FAA approved 7 & 9 cylinder on the MARKET**  
 ❖ Standard 3.<sup>1/8</sup> 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. Primary Kit NO Fuel Tanks With FloScan Transducer                    | 4607       |
| 900-4CP-2   | 4 Cyl. Primary Kit L/R 2 Fuel Tanks , With FloScan Transducer Primary Kit.. | 4817       |
| 900-4CP-4   | 4 Cyl. Primary Kit L/R and Aux 4 Fuel Tanks , With FloScan Transducer       | 5132       |
| 900-6CP-0   | 6 Cyl. Primary Kit NO Fuel Tanks With FloScan Transducer                    | 5027       |
| 900-6CP-2   | 6 Cyl. Primary Kit L/R 2 Fuel Tanks , With FloScan Transducer               | 5237       |
| 900-6CP-4   | 6 Cyl. Primary Kit L/R and Aux 4 Fuel Tanks , With FloScan Transducer       | 5552       |
| 900-7CP-4   | 7 Cyl. Primary Kit 4 Fuel Tanks , With FloScan Transducer 125 GPH           | 5762       |
| 900-8CP-4   | 8 Cyl. Primary Kit 4 Fuel Tanks , With FloScan Transducer 125 GPH           | 5972       |
| 900-9CP-4   | 9 Cyl. Primary Kit 4 Fuel Tanks, With FloScan Transducer 125 GPH            | 6182       |
| 900-D       | Remote display may be used to display parameters in a second location.      | 2477       |

**The EDM-900 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 | \$ 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    |
| • Pressure Carburetor extra fuel flow Transducer | \$ 295   | • CARB Carburetor Temp.                 | \$ 95     |
| • Frequency type fuel level senders 2 or 4 tanks | \$ 250   | • Carbon Monoxide Detector              | \$ 495    |



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

**Specification:** 5.54" x 4.73" foot print 0.9" deep with can and 24 Oz., 1°F Resolution. Linearized Accuracy of 1 degree not (1/2% =10 degrees). TFT display viewable in direct and indirect sunlight, 1000 nits. Operates from 7.5 to 35 volts at 1/2 amp.

**Standard included functions:**

- ❖ RPM
- ❖ M A.P. Manifold Air Pressure
- ❖ EGT/CHT.. bar graph for all cyls.
- ❖ OAT Outside Air Temp. degrees C or F
- ❖ Oil Temp. replaces factory sender
- ❖ Oil Press.,
- ❖ Fuel Flow , GPH , FloScan 201 or 231 transducer
- ❖ Est. Fuel used, Est time to empty
- ❖ Volts-1
- ❖ Amp-1 with 100 amp Shunt
- ❖ % HP
- ❖ Display VGA at 1000 nits sunlight readable
- ❖ Pre-Wired Harnesses 8ft
- ❖ Data Recording of all engine parameters with Lat / Long, GPS position
- ❖ USB Memory stick 8 GB/ Recording
- ❖ EZTrends Charting Software free download.
- ❖ LOP and ROP Algorithm
- ❖ **3 year Warranty**

**EDM-930 Primary ONLY TSO/STC FAA approved 7 & 9 cylinder on the MARKET  
4 Fuel level read outs available □ No Remote boxes, all in one instrument.15%**

| Part Number | TSO & STC Primary approved to replace all engine gauges                        | List Price |
|-------------|--|------------|
| 930-4CP-0   | 4 Cyl. Primary Kit, No Fuel Tanks ,With FloScan Transducer                     | \$ 6035    |
| 930-4CP-2   | 4 Cyl. Primary Kit L/R 2 Fuel Tanks. With FloScan Transducer                   | \$ 6248    |
| 930-4CP-4   | 4 Cyl. Primary Kit L/R & Aux 4 Fuel Tanks, With FloScan Transducer             | \$ 6460    |
| 930-6CP-0   | 6 Cyl. Primary Kit, No Fuel Tanks With FloScan Transducer                      | \$ 6333    |
| 930-6CP-2   | 6 Cyl. Primary Kit L/R 2 Fuel Tanks , With FloScan Transducer                  | \$ 6545    |
| 930-6CP-4   | 6 Cyl. Primary Kit L/R & Aux 4 Fuel Tanks , With FloScan Transducer            | \$ 6758    |
| 930-7CP-4   | 7Cyl. Primary Kit L/R & Aux 4 Fuel Tanks , With FloScan Transducer 125 GPH     | \$ 6970    |
| 930-8CP-4   | 8 Cyl. Primary Kit L/R & Aux 4 Fuel Tanks , With FloScan Transducer 125 GPH    | \$ 7098    |
| 930-9CP-4   | 9 Cyl. Primary Kit L/R & Aux 4 Fuel Tanks , With FloScan Transducer to 125 GPH | \$ 7608    |
| 930 D       | Remote display may be used to display parameters in a second location.         | \$ 2673    |

\* Non-upgradeable

**In addition to its bar graph, the EDM-930 can be configured to display ALL of the options listed below.**

**Special Prices good for full kits only**

- TIT-1 or TIT-2 Turbine Inlet Temp. one or two \$195 ea
- Fuel Pressure Upper/Lower deck Turbo charged \$ 395
- Pressure Carburetor extra FloScan Transducer \$ 295
- Frequency type fuel level senders 2 or 4 tanks \$ 250
- AMP-2 or Volts-2.....Second Volts or Amps \$ 195 ea
- CDT Compressor Discharge Temp. \$ 195
- IAT Induction Air Temp. \$ 195
- CARB Carburetor Temp. \$ 95
- Carbon Monoxide Detector \$ 395





The EDM-960 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

**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 sunlight. 1000 nits not 400. Operates from 10 to 35 volts at 1/2 amp.

**Standard included functions:**

- ❖ RPM
- ❖ M A.P. Manifold Air Pressure
- ❖ EGT/CHT.. bar graph for all cyls.
- ❖ OAT Outside Air Temp. degrees C or F
- ❖ Oil Temp. replaces factory sender
- ❖ Oil Press.,
- ❖ Fuel Flow , GPH , FloScan 201 or 231 transducer
- ❖ Est. Fuel used, Est time to empty
- ❖ Volts-1
- ❖ Amp-1 with 100 amp Shunt
- ❖ % HP
- ❖ Display VGA at 1000 nits sunlight readable
- ❖ Pre-Wired Harnesses 8ft
- ❖ Data Recording of all engine parameters with Lat / Long, GPS position
- ❖ USB Memory stick 1 GB/ Recording
- ❖ EZTrends Charting Software free download.
- ❖ LOP and ROP Algorithm
- ❖ **3 year Warranty**

**EDM-960 Primary for all TWIN Aircraft EVEN 7 and 9 cylinder engines,  
4 Fuel level read outs available ❖ No pages  
Single Display with Dual Pointers**

**Part Number      TSO & STC Primary approved to replace all engine gauges see JPI      *List Price***

|           |  |           |
|-----------|--|-----------|
| 960-4CP-0 | <b>4 Cyl. Without Fuel Tanks Primary Kit</b>                       | \$ 13,921 |
| 960-4CP-2 | <b>4 Cyl. For L/R 2 Fuel Tanks ,</b>                               | \$ 14,489 |
| 960-4CP-4 | <b>4 Cyl. For L/R &amp; Aux 4 Fuel Tanks ,</b>                     | \$ 15,476 |
| 960-6CP-0 | <b>6 Cyl. Without Fuel Tanks Primary Kit.</b>                      | \$ 15,157 |
| 960-6CP-2 | <b>6 Cyl. For L/R 2 Fuel Tanks</b>                                 | \$ 15,743 |
| 960-6CP-4 | <b>6 Cyl. For L/R &amp; Aux 4 Fuel Tanks</b>                       | \$ 16,583 |
| 960-7CP   | <b>7Cyl. 4 Fuel Tanks , w/ FF transducer to 125 GPH complete</b>   | \$ 16,948 |
| 960-8CP   | <b>8 Cyl. 4 Fuel Tanks , w/ FF transducer to 125 GPH complete</b>  | \$ 17,139 |
| 960-9CP   | <b>9 Cyl. 4 Fuel Tanks, less FF Transducer to 125 GPH complete</b> | \$ 17,599 |

**. 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 ea | • CDT Compressor Discharge Temp.            | \$ 195 ea |
| • Turbocharged Kit (TIT ❖ Fuel Press upper deck) | \$545 ea | • IAT Induction Air Temp.                   | \$ 195 ea |
| • Frequency type fuel level senders 2 or 4 tanks | \$350 ea | • CARB Carburetor Temp.                     | \$ 95 ea  |



## *Twin Engine EDM-760* *Certified Advisory*

*TWIN Engine, EDM-760 Plasma display, one 3 1/8<sup>th</sup> instrument*

|                   |  |                |
|-------------------|--|----------------|
| <b>EDM-760-4C</b> | (4-EGT & 4-CHT per engine + Memory, 16 probes) | <b>\$3,695</b> |
| <b>EDM-760-6C</b> | (6-EGT & 6-CHT per engine + Memory, 24 probes) | <b>\$4,900</b> |

## *Twin Engine EDM-790* *Certified Advisory*

Size 4.8" x 3.5"





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

|                   |  |                |
|-------------------|--|----------------|
| <b>EDM-790-4C</b> | (4-EGT & 4-CHT per engine + Memory, 16 probes) | <b>\$4,100</b> |
| <b>EDM-790-6C</b> | (6-EGT & 6-CHT per engine + Memory, 24 probes) | <b>\$5,300</b> |

**OPTIONS can be added to the EDM-760 or 790**

|  |                |
|--|----------------|
| Fuel Flow option <u>with</u> two transducers | <b>\$1,200</b> |
| Fuel Flow option <u>without</u> transducers  | <b>\$ 850</b>  |
| Trade-in EDM-760 to EDM-790 indicator only   | <b>\$1,350</b> |

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

| INSTRUMENT   | FUNCTIONS INCLUDED IN KIT  | OPTIONAL FUNCTIONS   |
|--|--|--|
| <p><b>EDM-350 Basic Experimental</b></p>  | <ul style="list-style-type: none"> <li>• EGT 4 or 6 probes</li> <li>• CHT 4 or 6 probes</li> <li>• Volts</li> <li>• Shock cooling on ALL cylinders</li> <li>• LOP/ROP JPI Exclusive Leaning Mode</li> <li>• Span (highest to lowest EGT)</li> <li>• Power connector</li> <li>• EGT/CHT Harness</li> <li>• EZTrends Charting and download Software free</li> <li>• Data recording 600 hrs</li> <li>• 3 year Warranty</li> </ul> |  |
| <p><b>EDM-350 w/all options</b></p>      | <ul style="list-style-type: none"> <li>• Requires additional circuitry once to add one or all options.</li> </ul>  | <ul style="list-style-type: none"> <li>Fuel Flow</li> <li>Oil Temperature</li> <li>Oil Pressure</li> <li>OAT</li> <li>CARB Temperature</li> <li>RPM</li> <li>MAP</li> <li>%HP TIT Turbine Inlets Temp.</li> <li>F-P Fuel Pressure</li> <li>F-P Differential Fuel Press.</li> <li>CDT Compressor Discharge</li> <li>IAT Induction Air Temp.</li> <li>Volts pick-up V-1</li> <li>Amps 1</li> <li>L/R-Tank Fuel Quantity module</li> <li>Fuel Quantity (Resistive, or voltage )</li> <li>Fuel Quantity Frequency</li> </ul> |
|  |  |  |

# KITS INCLUDE

|   |  |  |
|---|--|--|
| <p style="text-align: center;"><b>EDM-700 Plasma</b></p>   | <ul style="list-style-type: none"> <li>• EGT 4 or 6 probes</li> <li>• CHT 4 or 6 probes</li> <li>• Volts</li> <li>• Shock cooling on ALL cylinders</li> <li>• LOP/ROP JPI Exclusive Leaning Mode</li> <li>• Span (highest to lowest EGT)</li> <li>• Power connector</li> <li>• EGT/CHT Harness</li> <li>• EZTrends Charting and download Software free</li> <li>• Serial Data recording 30 hrs</li> <li>• 3 year Warranty</li> </ul>   | <ul style="list-style-type: none"> <li>• Fuel Flow</li> <li>• Oil Temp</li> <li>• Oil Temperature alternate location</li> <li>• RPM</li> <li>• OAT</li> <li>• TIT</li> <li>• CDT</li> <li>• IAT</li> <li>• CARB Temperature</li> <li>• Download box with Memory stick</li> <li>• Panel Mount USB built-into EDM with Memory stick</li> </ul> |
| <p style="text-align: center;"><b>EDM-800 Plasma</b></p>   | <ul style="list-style-type: none"> <li>• EGT 4 or 6 probes</li> <li>• CHT 4 or 6 probes</li> <li>• Volts</li> <li>• Shock cooling on ALL cylinders</li> <li>• LOP/ROP JPI Exclusive Leaning Mode</li> <li>• Fuel Flow (USED, Remaining, GPH Endurance, GPS destination)</li> <li>• RPM</li> <li>• MAP</li> <li>• OAT</li> <li>• %HP (Requires: OAT, RPM, MAP, &amp; FF )</li> <li>• All required Harnesses</li> <li>• EZTrends Charting and download Software free</li> <li>• Serial Data recording 30 hrs</li> <li>• 3 year Warranty</li> </ul>   | <p><u><b>Optional functions</b></u></p> <ul style="list-style-type: none"> <li>• Oil Pressure</li> <li>• Oil Temperature alternate location</li> <li>• TIT</li> <li>• CDT</li> <li>• IAT</li> <li>• CARB Temperature</li> <li>• Download box with Memory stick</li> <li>• USB built-in with Memory stick</li> </ul>                          |
| <p style="text-align: center;"><b>EDM-730 color</b></p>  | <ul style="list-style-type: none"> <li>• EGT 4 or 6 probes</li> <li>• CHT 4 or 6 probes</li> <li>• Volts</li> <li>• Shock cooling on ALL cylinders</li> <li>• Span (highest to lowest EGT)</li> <li>• LOP/ROP JPI Exclusive Leaning Mode</li> <li>• Power connector</li> <li>• EGT/CHT Harnesses</li> <li>• EZTrends Charting and download Software free</li> <li>• Data recording-600 hrs. Download USB</li> <li>• 1 GB memory stick</li> <li>• Selectable Positions for Linear gauges</li> <li>• 3 year Warranty</li> </ul>  | <p><u><b>Optional functions</b></u></p> <ul style="list-style-type: none"> <li>• Fuel Flow</li> <li>• Oil Temperature alternate location</li> <li>• Oil Pressure</li> <li>• OAT</li> <li>• TIT</li> <li>• CDT</li> <li>• IAT</li> <li>• CARB Temperature</li> <li>• RPM</li> <li>• MAP</li> <li>• %HP</li> </ul>                             |
| <p style="text-align: center;"><b>EDM-830 color</b></p>  | <ul style="list-style-type: none"> <li>• EGT 4 or 6 probes</li> <li>• CHT 4 or 6 probes</li> <li>• Volts</li> <li>• Shock cooling on ALL cylinders</li> <li>• LOP/ROP JPI Exclusive Leaning Mode</li> <li>• Fuel Flow (USED, Remaining, GPH Endurance, GPS destination)</li> <li>• RPM</li> <li>• MAP</li> <li>• Oil Temperature</li> <li>• Oil Pressure **</li> <li>• OAT</li> <li>• %HP (Requires: OAT, RPM, MAP, &amp; FF )</li> <li>• Power connector</li> <li>• All required Harnesses</li> <li>• EZTrends Charting and download Software free</li> <li>• Data recording-600 hrs. Download USB</li> <li>• 1 GB memory stick **</li> <li>• Selectable Positions for Linear gauges **</li> <li>• 3 year Warranty</li> </ul> | <p><u><b>Optional functions</b></u></p> <p>CDT<br/>IAT<br/>CARB Temperature<br/>TIT</p> <p>** included on the 830's only<br/>Optional on the 800</p>   |

**EDM-740 EXPERIMENTAL**



**Includes:**

- 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
- Foot print 3.25" x 4.25"

**Optional functions**

- CDT
- IAT
- CARB Temperature
- TIT
- Air Pressure 1000 psi

**Sold as single Kit 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**



**Includes:**

- 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
- Fits a 3.125 instrument hole

**Optional functions**

- Fuel Flow (USED per engine, Remaining, GPH, Total fuel USED both engines, Endurance, GPS destination)
- Oil Temperature alternate location
- OAT
- TIT
- CARB Temperature
- Download box with Memory stick
- Panel Mount USB built-into EDM with Memory stick

**EDM-790**



**Includes:**

- 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
- Foot print 4.8" x 3.5" in a 3" hole

**Optional functions**

- Fuel Flow (USED per engine, Remaining, GPH, Total fuel USED both engines, Endurance, GPS destination)
- Oil Temperature alternate location
- OAT
- TIT
- CARB Temperature



# Primary Instruments

**EDM-900 Single Primary**



**EDM-930 Single Primary**



**EDM-960 TWIN Primary**



**Includes:**


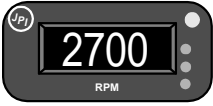
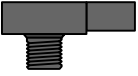

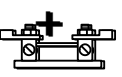

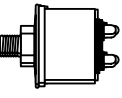

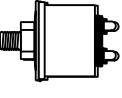
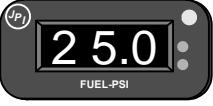
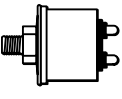

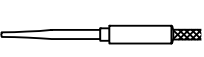

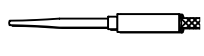

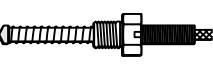

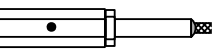
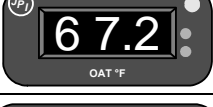
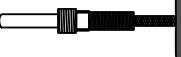
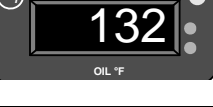


- Indicator with SVGA Display
- RPM Prop sender
- MAP Manifold Press Subtract \$195 not req.
- EGT Exhaust Gas Temp. ea Cyl..
- CHT Cylinder Head Temp. ea Cyl.
- O-T Oil Temperature primary location
- O-P Oil Pressure
- OAT Outside Air Temp.
- Fuel Pressure (Optional on EDM-900)
- VDC Voltage (1)
- AMP Current amps (2 twins)
- Fuel Flow Transducer FloScan
- Remote display (RAD) or (RAL)
- % HP Percent of Horse Power
- USB Memory stick 1 GB
- Data Recording 600 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
- Foot print EDM-900 4.8"x 3.5"
- Foot print EDM-930 6.2"x 5.2"
- Foot print EDM-960 6.0"x 5.1"

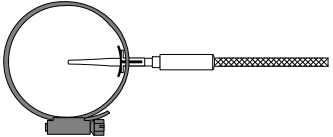
**Optional functions**

- 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 frequency
- Frequency fuel level







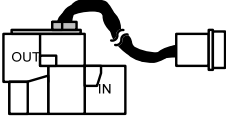
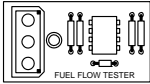
## SlimLine

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  |
|---|---|---|---------------------|-----|--|
|    |    | <b>Tachometer</b><br>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<br>Advisory                                  |
|    |    | <b>Manifold Pressure</b><br>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><br>Ammeter/Loadmeter, Resolution 0.1 V/A, Discharge alarm. Shunt capacity to 100 amps  | \$295<br>W<br>Shunt |     | Experimental aircraft only                       |
|    |    | <b>Oil Pressure</b><br>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><br>Injected engine 10 – 32 or 10 -100 psi range   | \$295               |     | Experimental aircraft only                       |
|  |  | <b>Boom Pressure</b><br>Resolution 2 psi, 2-160 psi range.  | \$295               |     | Experimental aircraft only                       |
|  |  | <b>Exhaust Gas Temperature</b><br>Resolution 1 or 10°, High temperature alarm set to 1650° F.   | \$295               | TSO | FAA approved                                     |
|  |  | <b>Turbine Inlet Temperature</b><br>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><br>Resolution 1 degree , High temperature alarm set to 450°F.  | \$295               | TSO | STC as Primary Replacement of original equipment |
|  |  | <b>Outside Air Temperature</b><br>Resolution 1 degree, Range –40 to 195°F. Specify °C or °F   | \$295               | TSO | FAA approved                                     |
|  |  | <b>Oil Temperature</b><br>Resolution 1°, High temperature alarm set to 230°F.   | \$295               | TSO | STC as Primary Replacement of original equipment |
|  |  | <b>Carburetor Temperature</b><br>Resolution 1°F. No Alarms  | \$295               | TSO | FAA approved                                     |

| 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   | 5050        | \$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, 1/4-24 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     | \$485 |
|  | 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 0-50 PSIG   | 159939A     | \$980 |

## Replacement Probes and Sensors

|   |  |                      |       |
|---|--|----------------------|-------|
|    | 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 <b>Bendix</b>   | 420815-2             | \$299 |
|    | <b>Standard</b> RPM vent plug sensor, fits any <b>Slick</b>  | 420815-1             | \$299 |
|    | Shunt, 50 m.v. / 100 amp   | 159920               | \$75  |
|   | Fuel Flow Transducer Pressure 201 K-Factor 29.90<br>Fuel Flow Transducer Pressure 201 K-Factor 19.90<br>Special K-Factor fixed 28.00 available | 700900-1<br>700900-2 | \$295 |
|  | Fuel flow tester. Generates pulses simulating Flow Scan fuel flow transducer.  | FF<br>TESTER         | \$35  |