

# JPI ENGINE SCANNERS

## J.P. INSTRUMENTS EDM-700 DIGITAL AND ANALOG EGT/CHT SCANNERS



The EDM-700 includes: Computer assisted diagnostics for troubleshooting the entire system, 2-1/4" panel mount, Normalize mode, Graphics resolution, Automatically finds the first EGT to peak, display of OIL, OAT, IAT, CDT, voltage, shock cooling of two TIT's, one degree temperature resolution, selectable °C or °F, all functions have Hi/Lo pilot programmable limits, supplied with JPI's well known, grounded, fast response probes, TSO quality, FAA TSO/STC approved, 3 year warranty. All probes, harness, and hardware included.

**Systems include EGT & CHT probes, harness, memory module, leads, and hardware**

## EDM-700 SINGLE ENGINE SYSTEMS

Description	Part No.	Price
EDM-700-9C 2-1/4" (No Fuel Flow)	10-28100	---
EDM 700-9C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02862	---

Accessories		
Description	Part No.	Price
EDM 700 Transducer (Fuel Pump)	10-27089	---
EDM 700 Transducer (Gravity)	10-27094	---
JPI EDM RPM Option	10-01720	---
Fuel Flow Without Transducer	10-05199	---
Fuel Flow With Transducer	10-05201	---
JPI Replacement Rpm Sensor For Pressurized Slick Mag	10-05458	---
JPI Replacement Rpm Sensor For Pressurized Bendix 1200 S	10-05459	---
JPI Replacement Rpm Sensor For Pressurized Bendix 20 Series	10-05460	---
JPI Replacement Rpm Sensor For Pressurized Dual Bendix Mag	10-05461	---
JPI Standard RPM Vent Plug Sensor for Bendix Mag.	10-05651	---
JPI Standard RPM Vent Plug Sensor For Slick	10-05652	---
TIT, Turbine Inlet Temperature Probe and Sensor	10-27090	---
EDM Carb Temp Probe 1/4-24 Thread 400128	10-27103	---
USB Integrated Option	11-06769	---
EDM-700/800/900 OAT Probe	10-27095	---
700/760/800 Oil Temperature Probe & Sender	10-27100	---
EDM 700 Induction Air Temperature Probe	10-02277	---
EDM 700 Compressor Discharge Temperature Probe	10-03451	---
EDM 700 IAT/CDT Induction Air & Compressor Temp.	10-27105	---
5050-T CHT Bayonet Probe	10-18500	---
M-113 CHT Gasket Probe	10-27093	---
JPI Probe M113-3/8	10-03689	---
M-111 Replacement EGT Probe	10-00830	---
5/8" Oil Temp Probe Adapter for Lyc./Cont.*	11-09614	---
Oil Temp Probe 400509 (5/8-18)	11-09614	---
EDM Option CHT Gasket 14mm Probe	10-04157	---
VDO Oil Press Sensor 1/4 NPT 0-150 PSI This oil pressure sender will not fit Rochester gauges.	10-04183	---
EDM PC Interface Cable	10-27112	---

All Systems which include Fuel Flow come with Transducers. 201 Transducer is for Aircraft with Fuel Pumps. 231 Transducer is for Gravity Fed Aircraft. \*Oil Temperature Probe Collar Adapter, 5/8-18 port to 1/8 NPT Continental engines may require a "brass" oil probe adapter.



## JPI EDM-730/830

The EDM-730/830 revolutionizes engine monitoring by the integration of brilliant full color graphical LCD display with the extremely popular EDM 700/800 series functionally and yet reduces the package size to the smallest on the market! The EDM-730 packs more features, functionality, and information onto its large full color screen than any other monitor available and features larger characters for easier reading. Oil pressure has also been added to the entire EDM series line. Mounting is a breeze due to its standard 3-4/8" format,

and because it can be mounted in either portrait or landscape orientation, thus accommodating virtually any panel configuration. Depth behind the panel is an amazing 2-1/2". The unit is "Plug and Play" compatible with existing EDM-700/800 units.

Bayonet & Adapter: This option includes 3 bayonet probes and 1 adapter allowing existing CHT probe to gauge to receive data so both the existing CHT gauge and the EDM 730 can display the CHT info at the same time.

### Features:

- User programmable engine parameters.
- Percent Horsepower.
- Rich of peak or lean of peak operation at the touch of a button.
- Full function fuel flow computer system.
- Links to GPS for enhanced fuel management.
- Full EDM scanner functionality.
- Unit easily set to display in either portrait or landscape mode
- Monitors: 4/6/7/8/9 cylinder engines, Turbocharged engines, RPM, MP, %HP, IAT, CDT, OAT, CAT, OIL P, OIL T, CHT, EGT, VOLTS, EGT, DIF, CLD, F FLOW, F USED, F REQD, F ENDUR, F REM

Model	Part No.	Price
EDM-730-4Cyl	10-03701	---
EDM-730-4Cyl - All CHT Bayonet	10-06946	---
EDM-730-4C W/ FF 201	10-03717	---
EDM-730-4C W/ FF 201 - All CHT Bayonet	10-06947	---
EDM-730-4C W/ FF 231	10-03718	---
EDM-730-4C W/ FF 231 - All CHT Bayonet	10-06948	---
EDM-730-6C	10-03703	---
EDM-730-6C - All CHT Bayonet	10-06949	---
EDM-730-6C W/ FF 201	10-03719	---
EDM-730-6C W/ FF 201 - All CHT Bayonet	10-06951	---
EDM-730-6C W/ FF 231	10-03720	---
EDM-730-6C W/ FF 231 - All CHT Bayonet	10-06952	---
EDM-730-7C	10-05180	---
EDM-730-7C W/ FF 231	10-05182	---
EDM-730-8C	10-05183	---
EDM-730-8C W/ FF 231	10-05198	---
EDM-730-9C	10-05187	---
EDM-730-9C W/ FF 231	10-05186	---
Fuel Flow Without Transducer	10-05199	---
Fuel Flow With Transducer	10-05201	---

### UPGRADE YOUR EDM 700 TO THE EDM 730, OR YOUR EDM 800 TO THE EDM 830

This upgrade program will allow you to swap out your 700 to the new 730 or 800 to the new 830 as the new 730 and 830 use a standard 3-1/8" mounting hole. The 730/830 will use the same JPI probes and will better display engine parameters with this plug and play upgrade. Core must be sent back to JPI.

Description	Part No.	Price
EDM 800 to EDM 830	10-03864	---