

ENGINE SCANNERS



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

All pilots know that to run their engines at peak performance means maximum efficiency! Maximum efficiency translates to substantial savings in fuel burned and engine maintenance. JPI's EDM-700 assures pilots of **Peak Precision Engine Performance Simply and Economically**. 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. **Data Recording** - All EDM-700 and EDM-760 systems come with data recording and provide long term trend monitoring for maintaining ultimate engine health. Data Recording capability records and stores all displayed parameters and, at a later time, transfer the info to a palmtop or laptop PC. Retrieve all the data stored in the EDM-700 and 760 or only the new data recorded since your last retrieval. In either case, no data is erased in the EDM unit. PC program supplied with the unit will graph the data for display and use by other programs, such as MS Excel or Lotus 123. EDM-700 or 760 Data Recording contains a date and time clock. You may also program an aircraft ID, such as your aircraft registration no. or your name that will appear in the output data file.

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

EDM SINGLE ENGINE SYSTEMS

Description	Part No.	Price
EDM-700-4C 2-1/4" (No Fuel Flow)	10-00262	.
EDM-700-4C 3-1/8" (No Fuel Flow)	10-02008	.
EDM 700-4C with Fuel Flow 201 2-1/4" (Fuel Pump)	10-00263	.
EDM-700-4C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-02009	.
EDM 700-4C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02845	.
EDM 700-4C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02849	.
EDM-700-6C 2-1/4" (No Fuel Flow)	10-00264	.
EDM-700-6C 3-1/8" (No Fuel Flow)	10-02012	.
EDM 700-6C with Fuel Flow 201 2-1/4" (Fuel Pump)	10-00265	.
EDM 700-6C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-02013	.
EDM 700-6C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02844	.
EDM 700-6C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02846	.
EDM-700-8C 2-1/4" (No Fuel Flow)	10-28095	.
EDM-700-8C 3-1/8" (No Fuel Flow)	10-02016	.
EDM 700-8C with Fuel Flow 201 2-1/4" (Fuel Pump)	10-02852	.
EDM 700-8C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-02017	.
EDM 700-8C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02853	.
EDM 700-8C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02841	.
EDM-700-9C 2-1/4" (No Fuel Flow)	10-28100	.
EDM-700-9C 3-1/8" (No Fuel Flow)	10-02018	.
EDM 700-9C with Fuel Flow 201 2-1/4" (Fuel Pump)	10-02861	.
EDM 700-9C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-02019	.
EDM 700-9C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02862	.
EDM 700-9C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02842	.
Trade-in Price for EDM 700. Basic Gem, (Use old System wire harness and EGT/CHT/TIT Probes)	10-03611	.
Accessories		
Description	Part No.	Price
EDM 700 Transducer (Fuel Pump)	10-27089	.
EDM 700 Transducer (Gravity)	10-27094	.
JPI EDM RPM Option	10-01720	.
TIT,Turbine Inlet Temperature Probe and Sensor	10-27090	.
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	10-02278	.
EDM 700 IAT/CDT Induction Air & Compressor Temperature	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	.
M-5050-A CHT Adaptor Probe	10-27092	.
EDM PC Interface Cable	10-27112	.
EDM HP Interface Cable	10-27111	.

BASIC EDM-760 TWIN ENGINE SYSTEMS

The value of Digital engine temperatures for precision engine monitoring is well documented. JPI has merged the Analog and digital information into one gauge. The EDM-760 monitors 29 channels of information with 14 columns of analog information. All EDM's have a built in voltmeter monitoring high and low system voltage. All the enhancements found on the single engine EDM-700 are available in the Twin engine EDM-760, including: Digital display of OAT, TIT, OIL, CARB, IAT, CDT, and EGT/CHT, Shock Cooling displayed in degrees per minute with alarms, Normalize Mode levels the bar graph display for instant identification of engine trends during cruise, Automatically finds first cylinder to peak on each engine. EDM-760 is shipped complete including everything necessary for installation. The package contains Quick response EGT probes, Bayonet CHT probes w/wiring harness, memory module, insulating sleeves, terminals w/mounting screws. Options like Oat, Oil & CDT/IAT are available and can be added later. 3 year warranty on electronics. Size: 3-1/8" display with 14 columns, installed weight = 6 lbs. RS-232 Output port and 1 TIT function are included in the system.

Description	Part No.	Price
EDM-760-6C 3-1/8" (No Fuel Flow)	10-28080	.
EDM-760-6C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-00640	.
EDM-760-6C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02851	.
EDM-760-4C 3-1/8" (No Fuel Flow)	10-28085	.
EDM-760-4C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-00639	.
EDM-760-4C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02847	.
ACCESSORIES		
Description	Part No.	Price
EDM PC Interface Cable +	10-27112	.
EZ Trends (Free with new instrument)	10-27113	.

All Systems which include Fuel Flow come with Transducers. 201 Transducer is for Aircraft with Fuel Pumps. 231 Transducer is for Gravity Fed Aircraft.



SLIM LINE DIGITAL ENGINE INSTRUMENTS BY J.P. INSTRUMENTS

These compact engine instruments from have a bright red display and feature central remote and individual alarms on all gauges. The gauges are easily stackable in a homebuilt aircraft panel, and come complete with sensors. Specify voltage. NOT FAA APPROVED.

TACHOMETER - Features quartz crystal and accuracy of 1 RPM. Resolution is 10RPM and includes red line alarm. Specify engine and magneto models, number of cylinders, voltage, and red line. P/N 10-24900

Manifold Pressure - Features resolution of 0.1 inches mercury, accuracy of 0.1" Hg, solid state sensor, and over boost alarm. Range: 0-50" P/N 10-24910

Outside Air Temperature (O.A.T.) - Features resolution of 1° and has range of -40 to 195°F. P/N 10-24940

Oil Temperature - Features resolution of 1° and over temperature alarm of 235 F. P/N 10-24960

Volt/Ammeter - Features resolution of 0.1 volts/amps and discharge alarm. Ammeter Shunt - (100 Amp) P/N 10-24925

Oil Pressure - gives readout in PSI and features resolution of 1 PSI and an under pressure alarm. P/N 10-24930

Turbine Inlet Temperature (T.I.T) - Features resolution of 1° or 10° and a Hi-temperature alarm at 1650° F. P/N 10-24950

Fuel Pressure - Features Resolution of 1 PSI and under pressure alarm. Slimline Carb 1-8 PSI P/N 10-24970-30B

Slimline Injected 10-32 PSI P/N 10-24970-30A