

# 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-700-4C 2-1/4" (No Fuel Flow)	10-00262	\$1,625.00
EDM-700-4C 2-1/4" (No Fuel Flow) All CHT Bayonet	10-06940	\$1,625.00
EDM-700-4C 3-1/8" (No Fuel Flow)	10-02008	\$1,897.00
EDM-700-4C 3-1/8" (No Fuel Flow) All CHT Bayonet	10-06935	\$1,897.00
EDM 700-4C with Fuel Flow 201 2-1/4" (Fuel Pump)	10-00263	\$2,018.00
EDM 700-4C with Fuel Flow 201 2-1/4" (Fuel Pump) All CHT Bayonet	10-06941	\$2,017.00
EDM-700-4C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-02009	\$2,305.00
EDM-700-4C with Fuel Flow 201 3-1/8" (Fuel Pump) All CHT Bayonet	10-06936	\$2,305.00
EDM 700-4C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02845	\$2,008.00
EDM 700-4C with Fuel Flow 231 2-1/4" (Gravity Fed) All CHT Bayonet	10-06934	\$2,008.00
EDM 700-4C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02849	\$2,305.00
EDM 700-4C with Fuel Flow 231 3-1/8" (Gravity Fed) All CHT Bayonet	10-06937	\$2,318.00
EDM-700-6C 2-1/4" (No Fuel Flow)	10-00264	\$1,960.00
EDM-700-6C 2-1/4" (No Fuel Flow) All CHT Bayonet	10-06938	\$1,959.00
EDM-700-6C 3-1/8" (No Fuel Flow)	10-02012	\$2,225.00
EDM-700-6C 3-1/8" (No Fuel Flow) All CHT Bayonet	10-06943	\$2,225.00
EDM 700-6C with Fuel Flow 201 2-1/4" (Fuel Pump)	10-00265	\$2,343.00
EDM 700-6C with Fuel Flow 201 2-1/4" (Fuel Pump) All CHT Bayonet	10-06939	\$2,343.00
EDM 700-6C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-02013	\$2,639.00
EDM 700-6C with Fuel Flow 201 3-1/8" (Fuel Pump) All CHT Bayonet	10-06944	\$2,639.00
EDM 700-6C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02844	\$2,343.00
EDM 700-6C with Fuel Flow 231 2-1/4" (Gravity Fed) All CHT Bayonet	10-06942	\$2,343.00
EDM 700-6C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02846	\$2,639.00
EDM 700-6C with Fuel Flow 231 3-1/8" (Gravity Fed) All CHT Bayonet	10-06945	\$2,639.00
EDM-700-8C 2-1/4" (No Fuel Flow)	10-28095	\$2,615.00
EDM-700-8C 3-1/8" (No Fuel Flow)	10-02016	\$2,910.00
EDM 700-8C with Fuel Flow 201 2-1/4" (Fuel Pump)	10-02852	\$3,015.00
EDM 700-8C with Fuel Flow 201 3-1/8" (Fuel Pump)	10-02017	\$3,319.00
EDM 700-8C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02853	\$3,015.00
EDM 700-8C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02841	\$3,319.00
EDM-700-9C 2-1/4" (No Fuel Flow)	10-28100	\$2,875.00
EDM-700-9C 3-1/8" (No Fuel Flow)	10-02018	\$3,175.00
EDM 700-9C with Fuel Flow 231 2-1/4" (Gravity Fed)	10-02862	\$3,275.00
EDM 700-9C with Fuel Flow 231 3-1/8" (Gravity Fed)	10-02842	\$3,585.00
Trade-in Price for EDM 700. Basic Gem. (Use old System wire harness and EGT/CHT/TIT Probes)	10-03611	\$1,295.00
EDM 700 to EDM 800 Upgrade	10-06268	\$1,325.00

Accessories		
Description	Part No.	Price
EDM 700 Transducer (Fuel Pump)	10-27089	\$366.00
EDM 700 Transducer (Gravity)	10-27094	\$414.00
JPI EDM RPM Option	10-01720	\$269.00
Fuel Flow Without Transducer	10-05199	\$175.00
Fuel Flow With Transducer	10-05201	\$429.00
JPI Replacement Rpm Sensor For Pressurized Slick Mag	10-05458	\$359.00
JPI Replacement Rpm Sensor For Pressurized Bendix 1200 S	10-05459	\$359.00
JPI Replacement Rpm Sensor For Pressurized Bendix 20 Series	10-05460	\$359.00
JPI Replacement Rpm Sensor For Pressurized Dual Bendix Mag	10-05461	\$359.00
JPI Standard RPM Vent Plug Sensor for Bendix Mag.	10-05651	\$269.00
JPI Standard RPM Vent Plug Sensor For Slick	10-05652	\$269.00
TIT, Turbine Inlet Temperature Probe and Sensor	10-27090	\$175.00
EDM Carb Temp Probe 1/4-24 Thread 400128	10-27103	\$175.00
USB Integrated Option	11-06769	\$235.00
USB Download Box	10-03149	\$179.95
EDM-700/800/900 OAT Probe	10-27095	\$175.00
700/760/800 Oil Temperature Probe & Sender	10-27100	\$175.00
EDM 700 Induction Air Temperature Probe	10-02277	\$169.95
EDM 700 Compressor Discharge Temperature Probe	10-03451	\$175.00
EDM 700 IAT/CDT Induction Air & Compressor Temp.	10-27105	\$375.00
5050-T CHT Bayonet Probe	10-18500	\$104.85
M-113 CHT Gasket Probe	10-27093	\$106.95
JPI Probe M113-3/8	10-03689	\$104.85
M-111 Replacement EGT Probe	10-00830	\$104.85
5/8" Oil Temp Probe Adapter for Lyc./Cont.*	11-09614	\$175.00
Oil Temp Probe 400509 (5/8-18)	11-09614	\$175.00
EDM Option CHT Gasket 14mm Probe	10-04157	\$104.85
VDO Oil Press Sensor 1/4 NPT 0-150 PSI This oil pressure sender will not fit Rochester gauges.	10-04183	\$269.00
EDM PC Interface Cable	10-27112	\$34.95

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.

### BASIC EDM-760 TWIN ENGINE SYSTEMS

The value of Digital engine temps for precision engine monitoring is well documented. JPI has merged the Analog and digital information into one gauge. The EDM-760 monitoring 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 included in the Twin engine EDM-760, including:

Digital display of OAT, TIT, CARB, IDA, 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 JPI Quick response EGT probes, Bayonet CHT probes with wiring harness, insulating sleeves, terminals w/mounting screws. Options like Oat, CDT/IAT are available and can be added later. Two year warranty on electronics. Size: 3-1/8" display with 14 columns, installed weight = 6 lbs. RS-232 Output port and one TIT function are included in system.

All EDM-760 systems come with data recording and provide long term trend monitoring to maintain ultimate engine health. Data Recording capability will 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-760 or only the new data recorded since your last retrieval. In either case, no data is erased in the EDM unit.

The data will be saved to a PC in a compressed format file. PC program supplied with the Data Recording Option will decompress the data for display and use by other programs, such as MS Excel or Lotus 123.

EDM-760 Data Recording contains a date and time clock. You may also program an aircraft ID, such as your aircraft registration number or your name that will appear in the output data file. \*4 Cylinder has 8 probes. 6 Cylinder has 12 probes.

Description	Part No.	Price
EDM-760-6C 3-1/8" (No Fuel Flow)	10-28080	\$4,130.00
EDM-760-4C 3-1/8" (No Fuel Flow)	10-28085	\$3,195.00
Upgrade from GEM to 760 - UNIT ONLY	10-05887	\$2,525.00

ACCESSORIES		
Description	Part No.	Price
EDM PC Interface Cable +	10-27112	\$34.95
Fuel Flow Without Transducer	10-05199	\$175.00
Fuel Flow With Transducer	10-05201	\$429.00