MVP-50P GLASS PANEL ENGINE & SYSTEM MONITOR

MVP-50P Non-Certified Engine Monitoring System For Standard System installs or FADEC System installs. FADEC NOTE:If already equipped with "FADEC System" MVP-50P will pull data directly from FADEC, minimal hardware rewuired but is included. **E.l. products include all documentation and certifications.** The MVP-50P replaces over 15 Engine Instruments and 50 Functions in a single, full color, enhanced TFT glass display instrument. It features excellent view-ability, even in direct sunlight. The MVP-50 is an unrivaled Engine and Aircraft System Monitor with an easy-to-read and easy-to-use format. There are Pilot-Programmable colors, ranges and limits and a voice alarm for each instrument displayed. Its "System Page" displays trims, flaps, wheel status lights, many system parameters and annunciators. This is the most powerful engine and system analyzer on the market, featuring the following displays: Bar Graph (with Scan and Hottest Cylinder modes), Rich-of-Peak, Lean-of-Peak, Full Digital, Normalized and Differential. The MVP-50P's instant red and yellow visual warnings, as well as voice annunciators for all Programmed Limits, eliminate the need to constantly scan an entire panel for possible problems. **In-Flight Data:** The MVP-50P provides many "Flight Data Screens" to reduce cockpit clutter and pilot workload. **Some of these screens are**: Fuel Management, Timers, Clocks and Date, Weight and Balance, Data Recording, Custom Checklists (Start, Taxi, Run-up w/ Mag Drop, Take Off, Landing, Emergency, Custom Flight Plans, General Information (Aircraft Performance, Engine Diagnostics, VSI Lights, Airspeed, VFR Minimums, Altitude Table, Light Gun Signals, Transponder Codes, Frequencies, Real-Time Out (providing telemetry for UAV racers, etc.). **Plus Additional Screens:** Flight Log, Max Data Log, Min Data Log and others. And it's easy to create your own Custom Screens and download them to the MVP-50P through its USB port. Compatible with OP Technologies and Chelton. EGView Charting Software is also available for use with the MVP-50P.

Experimental	Description	Part No.	Price
MVP-50P-4	4-Cylinder Pkg	10-01192	---
MVP-50P-6	6-Cylinder Pkg	10-01191	---
MVP-50P-7	7-Cylinder Pkg	10-03174	---
MVP-50P-8	8-Cylinder Pkg	10-03175	---
MVP-50P-8W	8-Cylinder Water-Cooled Pkg	10-03178	---
MVP-50P-9	9-Cyl. Radial Pkg	10-03176	---
MVP-50P-12W	12-Cylinder Water-Cooled Pkg	10-03177	---
MVP-50P-4-FADEC	4-Cyl. FADEC Pkg	10-03173	---
MVP-50P-6-FADEC	6-Cyl. FADEC Pkg	10-03172	---
Certified	**Description**	**Part No.**	**Price**
MVP-50P-4-C	4 Cylinder Certified	10-03867	---
MVP-50P-6-C	6 Cylinder Certified	10-03868	---
MVP-50P-8-C	8 Cylinder Certified	10-03869	---
MVP-50P-4T-C	Twin 4 Cylinder Certified	10-05083	---
MVP-50P-9-C	9 Cylinder Certified	10-07088	---
MVP-50P-6T-C	Twin 6 Cylinder Certified	10-05082	---

TEMPERATURE PROBES FOR MVP-50P & MVP-50T

Models	Description	Part No.	Price
P-100-MVP	CHT probe, screw-in, 3/8"-24	10-00808	---
P-101MVP	CHT probe, Military Bayonet.	10-00438	---
A-101MVP	CHT Adaptor for P-101 Probe, 3/8"-24	10-00374	---
P-102-18-MVP	CHT probe, 18mm gasket.	10-01368	---
P-102-14-MVP	CHT probe, 14mm gasket	10-02037	---
P-102-12-MVP	CHT probe, 12mm gasket	10-02038	---
P-102-3/8-MVP	CHT probe, 3/8" gasket, piggy-backs on a primary CHT probe	10-02039	---
P-110-F-MVP	Fast-Response EGT/TIT probe, Hose Clamp Type, .125"D	10-00376	---
P-111-MVP	Std TIT probe, 1/8" NPT, .187" D	10-02040	---
P-111-F-MVP	Fast Response TIT probe, 1/8" NPT, .187" D	10-02041	---
P-112-MVP	Std TIT probe, 7/16"-20, .187" D	10-00378	---
P-114-MVP	Std TIT probe, ¼" NPT, .187" D	10-00379	---
P-114-F-MVP	Fast Response TIT probe, ¼" NPT, .125" D	10-02042	---
P-120-MVP	OIL Temp probe, 5/8"-18	10-00302	---
P-104-MVP	Universal Temp probe, #6 hole	10-00380	---

OPTIONAL OUTPUT INTERFACES AVAILABLE FOR MVP PKGS LISTED ABOVE

Models	Description	Part No.	Price
RTDO	Real-Time Data Out. Can be used to provide telemetry for UAV's, racers and other applications.	10-03168	---

ACCESSORIES FOR MVP PKGS

Models	Description	Part No.	Price
USB-64	USB Memory Stick, 64 MB or larger. Used to upload and download data to the MVP-50P.	10-03186	---
CP-1-MVP	LED Intensity Control Pot. External pot used to control the display intensity.	10-03211	---
EDC-33P-4/6	4/6 Cylinder Engine Data Converter. Adding a second EDC to the MVP allows. Additional pressures, annunciators and other functions to be monitored on the MVP (uses the Input Port 3 on the MVP).	10-03184	---
MVP-50P Head Only	Display unit only! May be used to display parameters in a second location Display Only	10-01193	---
PT-30ABS-MVP	Absolute Pressure Transducer, 0 to 40 In Hg (Manifold Press or Cabin Altitude).	10-03238	---
---	Carbon Monoxide Detectors	10-06985	---

PRESSURE TRANSDUCERS AND MODULES
(Each includes a Cbl-4D-6' harness when ordered w/ the MVP-50 & MVP-50T)

PT-30GA-MVP	Pressure Transducer, 0 to 40 PSI (see Accessories page for details)	10-03232	---
PT-300GA-MVP	Pressure Transducer, 0 to 300 PSI (see Accessories page for details)	10-01203	---
PT-3000S-MVP	Pressure Transducer, 0 to 3000 PSI (see Accessories page for details)	10-03236	---
PT-30ABS-MVP	Absolute Pressure Transducer, 0 to 36 In Hg (Manifold Press or Cabin Altitude)	10-03238	---
PT-30ALT-MVP	Altitude Transducer	10-03239	---
PT-60ABS-MVP	Absolute Pressure Transducer, 0 to 70 In Hg (Manifold Pressure)	10-03240	---
PT-05Diff-MVP	Differential Pressure Transducer, 0 to 60 In Hg (Vac Pressure or Cabin Diff Pressure)	10-03241	---
PT-04H20-MVP	Differential Pressure Transducer, 0 to 5 In H20	10-03242	---
DPIM-1-30-MVP	Differential Pressure Interface Module for aircraft that require fuel pressure to be Measured in reference to the upper deck. Includes a PT-30GA pressure transducer to measure the upper deck pressure.	10-03205	---
Cbl-4D-6'	One 6' 4-wire cable with crimped D-Sub pins. Used to interface any pressure transducer, fuel flow transducer or fuel level probe to the MVP system. Add $.95 per foot to the price for anything over the standard 6' length.	10-03183	---

FUEL FLOW TRANSDUCERS AND MODULES

FT-60	Fuel Flow Transducer (Red Cube), .6 to 70+ GPH	10-01196	---
FT-90	Fuel Flow Transducer (Gold Cube), 3 to 125+ GPH	10-01224	---
FT-180	Fuel Flow Transducer (Black Cube), 5 to 250+ GPH	10-01197	---
FFDM-1-MVP-FT60	Fuel Flow Differential Module for aircraft w/ a pressure carburetor. Includes FT-60 or FT-90 transducer to measure the returned fuel. Please specify FT-60 or FT-90 at time of your order.	10-03244	---
FFDM-1-MVP-FT90		10-03245	---
FM-Flow-P	Measures Fuel Flow from a pulsed injector signal.	10-03206	---

FUEL LEVEL PROBES AND MODULES

RFLM-4-12	Resistive Fuel Level Module. Must be used w/ EI's "EDC" to measure up to 4 Resistive Fuel Level Sensors.	10-02772	---
RFLM-4--24		10-03231	---
P-300C	3/4" Capacitive Fuel Level Probe w/ Accessories. (see our Accessories Page for details.) Specify Probe length at time of order.	10-00382	---
P-300C-Mini-1/8"	3/16" Capacitive Fuel Level Probe (see our Accessories Page for details)	10-03193	---
P-300C-Mini- 1/4"		10-03194	---

VOLTS AND AMPS MODULES AND SHUNTS

FM-VA-MVP-50	Volts/Amps Module. Allows any temperature or pressure channel on El's EDC to measure Voltage and Current on a separate bus. Comes w/ an S-50 or S-300 shunt.	10-03247	---
FM-VA-MVP-300		10-03248	---

MVP SCREEN ANNUNCIATOR INTERFACE UNITS

VI-221	Voltage Interface Unit. Allows any temperature or fuel level channel on our EDC to measure the output voltage of any device. This voltage measurement can then be used to drive an annunciator (Canopy Latch, Gear Lights, Baggage Door, etc.) that will be displayed on the MVP screen.	10-03187	---