

FUEL TOTALIZERS - FUEL GAUGES

SHADIN MINIFLO TOTALIZERS



MINIFLO SYSTEMS - Miniflo is the miniature fuel flow meter which constantly displays fuel flow in the lower windows. The fuel used and fuel remaining functions are continuously computed and can be displayed in the upper window by pressing the appropriate button. Endurance (time remaining) can be displayed in the upper window by using the rotary switch. STC's for most aircraft. Power: 12-28V DC Furnished in gallons readout (pounds also available). Weight: 31 oz. (meter & transducer). Size: 3.25"x 1.25"x 7.5". Miniflo now provides all features of standard Miniflo system plus a Loran interface as described in Digiflo above. This gives the pilot NM/Gal, Gallons to Destination and Gallons of Reserve. Specify aircraft and engine model on all Miniflo orders. Prices vary according to aircraft model.

Single Engine/Loran GPS Miniflo P/N 10-24735.....

SHADIN DIGIFLOW TOTALIZERS



Digiflo-L is a Digital Fuel Management System designed to provide complete fuel management information under real flight conditions without any manual entry of data (after entry of the initial fuel on board information). Digiflo-L is connected to the engine fuel flow transducer for fuel flow information and to the Loran-C or GPS receiver serial

port for navigation data (ground speed, distance and estimated time en route). This system is also capable of transmitting the fuel information to the Bendix/King KLN-88, KLN-90, and Garmin GPS navigation receivers, for additional calculations and display of fuel management data.

Single Engine/Loran GPS Digiflo P/N 10-02212..... **Please Call**
Twin Engine/Loran GPS Digiflo..... P/N 10-02213..... **Please Call**

SHADIN F/ADC-200 FUEL/AIR DATA COMPUTER



The affordable Shadin F/ADC-200 Fuel/Air data computer maximizes aircraft range and fuel economy by providing automatic updating to your GPS for true air speed, winds aloft, wind components, density altitude, OAT, pressure altitude, fuel flow rate, fuel used, fuel required to destination, fuel endurance, and more. Interfaces with most popular GPS units including Bendix King KLN series, Garmin 150, 155, 165, Trimble

2000/3000 series, and Arnav. Please specify aircraft make/model, engine make/model, serial number of aircraft, and GPS make/model at time of order. P/N 10-24768..... **Please Call**

IMPORTANT: For all Shadin orders, please specify engine make and model number; aircraft make and model number; specify gallons, pounds or liters on readout and if Loran or GPS will interface. Specify make and model.

SHADIN SYSTEMS PRICING

Prices for Shadin Microflo, Digiflo, & Miniflo systems vary according to aircraft/engine models. Call Aircraft Spruce for your best pricing on any Shadin system. Aircraft Spruce guarantees to meet or beat any competitor's current advertised prices.



FREE FLIGHT TRA 3000 RADAR ALTIMETER / INDICATOR

The TRA 3000 Radar Altimeter, combined with the TRI40 Radar Indicator, provides precise AGL information from 2,500 feet down to 40 feet. This real-time system offers an extra measure of operational safety during landing, navigation, and hovering. It is especially useful in flying search and rescue missions, forestry operations, pipeline maintenance, offshore helicopter operations, aeromedical emergency medical services, border patrol, and electronic news gathering operations. The transmitter / receiver and antenna fit in a single lightweight & aerodynamic unit that is easy to install.

TRA 3000 Radar Altimeter P/N 10-02522.....
TRI 40 System Altimeter..... P/N 10-02519.....

FREE FLIGHT TRA 3500 RADAR ALTIMETER / INDICATOR



The TRA 3500 Radar Altimeter, combined with the TRI40 Radar Indicator, provides precise AGL information from 2,500 feet down to ground level and consists of a remote unit and dual antennas for greater accuracy. ARINC analog outputs allow seamless integration with other on-board equipment such as flight director systems. Its patented "anti-rotor-modulation" capability prevents altitude wandering while hovering in a helicopter. This real-time radar altimeter system offers an extra measure of operational safety during landing, navigation, and hovering. It is especially useful in flying search and rescue missions, forestry operations, pipeline maintenance, offshore helicopter operations, aeromedical emergency medical services, border patrol, and electronic news gathering operations.

TRA 3500/TRI 40 Altimeter P/N 10-02523.....
TRA 3500 Radar Altimeter P/N 10-02520.....

FUEL LEVEL SYSTEM BY DATCON



This Datcon fuel gauge and senders are designed for use with 12 volt electrical systems in automotive, marine and homebuilt aircraft applications. The gauges have a round 2" diameter case with chrome bezel. Mounting brackets and instructions are furnished. 240-33 Ohms.

.....Gauge No. 100177 with steel case P/N 100177
Lighting Kit (12V) P/N 06215-00

UNIVERSAL SENDER FOR DATCON GAUGES



This Fuel Level Sender has removable mounting plate which can rotate 180° to mount on either right hand or left hand position. For tanks 6"-15" deep.

P/N 05-16710.....

STEARMAN FLOAT-TYPE FUEL SIGHT GAUGE



Float type fuel sight gauge used in Stearman dusters. Plastic tube with fuel level marking and 3/4" male pipe thread fitting. 16" long overall, 8" tank depth. 5-1/2" travel. Use AN867-6 Aluminum

Welding Flange to mate with above gauge. P/N 10435
Aluminum Welding Flange to mate with above gauge. P/N AN867-6.....

SPIRAL ACTION FUEL GAUGE



A precision magnetic gauge for narrow vertical tanks. Rubber float travels on spiral rod to record fuel level on hermetically sealed side-reading dial marked E, 1/4, 1/2, 3/4, F. All aluminum construction. Housing has 1-1/2" NPT male threads for connection to threaded bushing (see below). Available in three lengths:

Length 'L' 15", Float Travel 12-3/4" P/N 05-16900.....
Length 'L' 19", Float Travel 16-3/4" P/N 05-17000.....



Welding Bushings - 6061 aluminum, 2-1/4" O.D., 1/4" wall. Available in 1" & 2" length. Use with welding ring to provide base for attaching to fuel tank with bolts or rivets. Ring may be welded at any point along bushing to permit depth adjustment. Specify bushing length. For use with Spiral Action Gauge.

1" Bushing P/N 10362-1

2" Bushing P/N 10362-2



Welding Ring - 6061 aluminum, 4-3/8" O.D., 2-1/4" I.D. to fit above welding bushings. For use with Spiral Action Gauge. P/N 10363.....

MECHANICAL FUEL GAUGE



Lever-action gauge measures fuel level from full to empty on fractional dial. Matte-white markings on 2" black dial with red "No Take-off" sector below the 1/4 full mark. Cork float has 4" travel. Wire arm 12" long may be cut off to required length, wire bent to 90° angle to secure cork float. 1-13/16" between mounting hole centers. Hermetically sealed dial assembly has magnetically driven, silicone-damped or position pointer to prevent flutter. P/N 05-16700.....

Accessories

Replacement Fuel Float P/N 05-03395.....
Weld Adapt FLANGE 10361 P/N 10361.....
Gasket for 05-16700..... P/N 15-4.....

ULTRALIGHT FUEL FLOW METERS



For ultralight engines, a fuel totalizer provides instantaneous fuel flow rate, fuel used, fuel remaining, time remaining and user settable alarms. Easy to calibrate and simple to use. Install included transducer in fuel line, hook up 12VDC, and go fly! Available in gallons or liters for most twocycle engines.

30LPH W/ Standard..... P/N MGU001L.....
8GPH W/ Standard..... P/N MGU001G.....
45LPH W/ High F..... P/N MGU002L.....
14GPH W/ Transmitting..... P/N MGU002G.....
Rotax 912 Liter P/N MGU912L.....
Rotax 912 8GPH P/N MGU912G.....
Navman Fuel Flow..... P/N MIZ001.....

LUSCOMBE/AERONCA TYPE FUEL GAUGE



This direct reading fuel quantity gauge is usable in tank depths up to 9" such as Luscombe & Aeronca. Not FAA approved. Excellent for homebuilt aircraft. Displays fuel level from full to empty. Size: 1-1/2" diameter face.

Fuel Gauge P/N 05-00029
Rebuild kit for Fuel Gauge..... P/N 05-00031

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