

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 GPS Miniflo P/N 10-24735.... **CALL FOR PRICE**

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

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 **\$36.70**
P/N 100177
Lighting Kit (12V) P/N 06215-00 **\$7.70**

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..... **\$33.65**

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..... **\$69.25**

Aluminum Welding Flange to mate with above gauge. P/N AN867-6..... **\$11.70**

SPIRAL ACTION FUEL GAUGE



05-16900

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 two lengths:

Length 'L' 15", Float Travel 12-3/4" P/N 05-16900..... **\$69.85**
Length 'L' 19", Float Travel 16-3/4" P/N 05-17000..... **\$78.50**



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 **\$14.45**
2" Bushing P/N 10362-2 **\$15.75**



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 **\$4.40**

ROCHESTER 8341-R7090 SENDER



These fuel senders are designed for top mounting in unpressurized aluminum, stainless steel, or plastic fuel tanks in all types of marine vessels. They include special features and protection from corrosion problems (internal and external to the fuel tanks) which make them the quality standard for the industry. Standard configuration, with the lead hole at 12:00, has the float arm swinging at 3:00. The float arm on this sender is 24" [609mm] long measured from the pivot point allowing it to be cut to an appropriate length to gauge any tank depth from 6" [152mm] to 25" [635mm]. The float and the washers are furnished unassembled to the float arm. The cutting and crimping process is to be done prior to the float assembly. The fuel sender is equipped with a thick film resistance card with a range of 0 to 90U. The recommended gasket for use under the head is made of nitrile rubber and must be ordered separately. P/N 10-02045..... **\$21.65**

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..... **\$77.85**

Accessories

Replacement Fuel Float P/N 05-03395 **\$2.61**
Weld Adapt FLANGE 10361 P/N 10361 **\$10.45**
Gasket for 05-16700 P/N 15-4 **\$3.25**

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 **\$42.65**
Rebuild kit for Fuel Gauge..... P/N 05-00031 **\$9.85**

GAS GAUGE TOOL SETS



Use the Gas Gauge Tool Set to remove or install gauges. It helps prevent damage to chrome inner & outer nuts. Available in standard (economical version) and deluxe (heavy-duty version). The tool used on the standard (outer nut) has been specifically designed to work on the original or new style nut. The tool used on the deluxe (inner nut) has a tight fitting handle, which you will need to hammer in. This offers you better leverage & sure grip. Heavy-duty version. Standard..... P/N 05-06813 **\$9.85**
Deluxe P/N 05-06814 **\$21.75**

GAS GAUGE FLOATS



Gas Gauge Float comes in two versions (Epoxy-Coated Cork and Modern Neoprene Cork). Epoxy-Coated Cork Float: - When replacing the float on the wire, follow it with a washer and a drop of solder to secure the float in place. Modern Neoprene Float: - This float is alcohol and gas resistant, and will not sink. It is not affected by modern ethanol based fuels. Highly recommended. USA made. Modern Neoprene Float: P/N 05-06815..... **\$4.90**

GAS GAUGE NUT



Gas Gauge Nut available in two versions:
Inner - Chrome Plated - Small P/N 05-06816 **\$7.85**
Inner - Chrome Plated - Large P/N 05-06817 **\$8.35**

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