

# MICRO - 1000 TACHS - FUEL MIZER



## FUEL MIZER FUEL FLOW GAUGE

The Fuel Miser instrument, is a fuel flow gauge that is far more accurate than typical capacitance type gauges. This kit includes mounting bracket, reducer fittings and clamps and fits a 2" panel hole. This gauge is backlit and accurately measures the actual flow of fuel through the transducer and can handle a fuel flow rate of up to 45 gallons per hour. The turbine operates by means of a stainless steel shaft mounted in sapphire bearings. The transducer measures the turbine rotation by means of an infra red light which sends a signal back to the instrument. The gauge itself is menu driven and includes an audio and visual alarm that sends a signal when remaining fuel has dropped below a level that the user presets. In addition to displaying the remaining volume of fuel, this instrument displays the current fuel burn rate, the amount of fuel consumed on the current trip as well as the total amount of fuel consumed and can be incrementally adjusted for partial refueling. The gauge can be calibrated to measure in US gallons, imperial gallons, and liters. In the unlikely event that the turbine would malfunction it is fail-safe in that it will not retard fuel flow. The Fuel Miser cannot be used on an engine which has a return fuel line. Not STC'd. For experimental only and not for certified aircraft. Fuel Miser is furnished with installation manual and instructions P/N 10-00220 .....

**Note: Factory Warranty is 6 months from date of purchase.**

### FUEL FUNCTION:

Flow Range: Auto ranging 2.5–160 Liters/hour  
0.5–43 U.S. gallons/hour  
or 0.4–36 Imperial gallons/hour  
Fuel Remaining: 0.999 selected units, non-volatile and resettable.

### ALARM FUNCTION:

Fuel Remain alarm: Operates over full range  
Alarm Signaling: Audible and visual

### LOG FUNCTION:

Total Fuel Log: Auto ranging 0–999 liters, US gallons, or Imperial gallons, non-volatile & resettable  
Trip Fuel Log: Auto ranging 0–999 liters, US gallons, or Imperial gallons, non-volatile & resettable

### Features:

Mounting: Flush round bezel  
Lighting: Red diffused lighting of keys and display  
Units: Selectable in Liters, US gal., or Imperial gal.  
Calibration: Front Panel adjustable  
Current Drain: 70 mA (max.)



## 0-10,000 RPM DIGITAL TACH & HOURMETER

Records up to 9999 hours. May be either front or rear mounted. Uses an 8-yr internal battery. With 15' lead and rear-mount parts

TH200..... P/N 10-03424.....  
TH201..... P/N 10-01630.....  
TH202..... P/N 10-03425.....

**TH201 App:** Electronic Ignition - (1) spark fires per crankshaft revolution.  
**TH202 App:** 4 Cycle Engines - (1) spark for every 2 crankshaft revolutions.  
**TH200 App:** Ducati CDI - Twin Cyl. engines. Spark fires every 180° of crank shaft revolution.

### TH200 SPECS

Model for twin cylinder engines with a spark firing every 180° of the engine crankshaft. Jet Skis generally use 1C. Exception: 3 cyl. Jet Skis generally use our special '2X' model Multi 4 cyl. = 1c wrapped around coil wire.

### TH201 SPECS

Standard Model, used on engines with one spark firing on each revolution of the crankshaft. 1 cylinder, 2 stroke (reads 1x/revolution) Honda engines 4-stroke w/electronic ignition & nopoints. 2C can also be used w/ 2cyl. engine.

### TH202 SPECS

Model for engines which have a spark for every 2 revolutions of the engine crankshaft such as those with a distributor w/points driven from a camshaft. Kohler 'K' series is the only Kohler model firing this way. True 4-stroke with points & distributor, NOT the firing on the exhaust stroke.



## FALCON GAUGE 2 INCH TACHOMETER

0-8000 RPM TOP-SWEEP TACHS  
For Single Ignition

2" Round Case (shown) P/N 10-01615.....  
2-1/4" aircraft-style case P/N 10-00816.....

### For Dual Ignitions

2-1/4" aircraft-style case..... P/N 10-00818.....  
2" round case (Incl. Backlight)..... P/N 10-00831.....



## FALCON GAUGE 3-1/8 INCH TACHOMETER

0-8000 RPM TOP-SWEEP TACH  
For Ducati Ignitions

3-1/8" aircraft-style case P/N 10-00817.....

## TACHOMETER APPLICATION CHART

ENGINE	PART NO. FULL SWEEP	PART NO. TOP SWEEP	PART NO. DIGITAL
ROTAX 277 & 377	TA130 RND	TA001	TH201
	TA131 SQ	TA006	
		TA023	
ROTAX 447 Points Ignition	TA130 RND	TA001	TH201
	TA131 SQ	TA006	
		TA023	
ROTAX 503 Points Ignition	TA130 RND	TA001	TH201
	TA131 SQ	TA006	
		TA023	
ROTAX 532	TA130 RND	TA001	TH201
	TA131 SQ	TA006	
		TA023	
ROTAX 447 Ducati Ignition	TA140 RND	TA020	TH200
	TA141 SQ	TA021	
		TA023	
ROTAX 503 Ducati Ignition	TA140 RND	TA020	TH200
	TA141 SQ	TA021	
		TA023	
ROTAX 582	TA140 RND	TA020	TH200
	TA141 SQ	TA021	
		TA023	
ROTAX 618	TA140 RND	TA020	TH200
	TA141 SQ	TA021	
		TA023	

ENGINE	PART NO. FULL SWEEP	PART NO. TOP SWEEP	PART NO. DIGITAL
ROTAX 912 & 914	TA150 RND	TA001	TH200
	TA151 SQ		
HIRTH (all models)	TA130 RND	TA001	TH201
	TA131 SQ	TA006	
		TA023	
ZENOAH (all models)	TA130 RND	TA001	N/A
	TA131 SQ	TA006	
		TA023	
KAWASKI (all models)	TA130 RND	TA001	N/A
	TA131 SQ	TA006	
		TA023	
CUYUNA (all models)	TA130 RND	TA001	N/A
	TA131 SQ	TA006	
		TA023	
LYCOMING (all known)	TA160* RND		
	TA161* SQ		
CONTINENTAL (all known)	TA160* RND		
	TA161* SQ		
VOLKSWAGEN (Stock Points or Slick Mags)	TA130 RND		TH202
	TA131 SQ		

\* Requires Pulse Generator Kit.....P/N PG001.....

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