## **UMA 1-1/4" ENGINE INSTRUMENTS**



Monitor your engine's vitals with a full line of space saving 1-1/4" engine instruments with 240 degree analog sweep. These instruments allow you the opportunity to utilize panel space without compromising readability. No longer do you have to decipher cluster gauges or push buttons for readings or try to concentrate on flashing numbers. These premiere UMA instrument are electronic and can be powered from 14 or 28 volts. Signals are acquired from remote mounted sensors, processed and displayed on analog dials with easy to read markings. Each gauge uses rugged aircore meter movement for vibration resistance and repeatability. Each gauge can be placed in a 1-1/4" diameter hole and mounted behind the panel with (4) 6-32 screws. They can be cluster mounted as close as 11/2" centers. Senders are sold separately. UMA Technical Support: 800-842-5578.

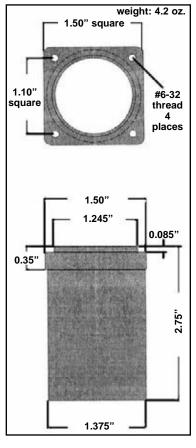
## STREAMLINE • STACKABLE • EASY TO READ • RUGGED DESIGN

CYLINDER HEAD TEMP. (CHT)				
Description	Part No.	Price		
CHT Gauge 100-300°F	10-00035		E	
CHT Gauge 100-600°F	10-00036		I E	
CHT Thermocouple 14mm Plug	10.00000		E	
(Rotax)	10-00962		E	
CHT Thermocouple 18mm Plug			5	
(Lyc.)	10-00963		E	
CHT Thermocouple 3/8-24			E	
Bayonet (Lyc.)	10-00795			
OIL PRESSURE	11		F	
Description	Part No.	Price	F	
Oil Pressure Gauge 0-80 PSI	10-00037			
Oil Pressure Gauge 0-00 PSI	10-00038			
Oil Pressure Gauge 0-130 PSI	1 1		F	
Rotax 912/914	10-05509		Π	
FUEL QUANTITY	<u> </u>			
Description	Part No.	Price		
Fuel Qty. Ind. (Float 240-30)	10-00039		IF	
Fuel Qty. Ind. (Cap. 5v)	10-00033		(	
Sender (Capacitance 0-5V)	10-00797		Ī	
AMMETER	110-007 371			
Description	Part No.	Price	(	
Ammeter ±30 Shunt incl.	10-00041		(	
Ammeter ±30 Shunt incl.	10-00041			
Ammeter +60	10-00581			
Ammeter +80	10-00582			
WATER PRESSURE				
Description	Part No.	Price		
Water Press. Gauge 0-15 PSI	10-00044		Ī	
Water Press. Gauge 0-30 PSI 10-00045 WATER TEMPERATURE				
		- ·		
Description	Part No.	Price	(	
Water Temp. Gauge 100-300°F	10-02457		١	
CARB. TEMPERATURE	· · ·			
Description	Part No.	Price	ľ	
Carb. Temp -60-120°F	10-05769			
OUTSIDE AIR TEMPERATURE				
Description	Part No.	Price		
OAT (-25) -40°C	10-02385			
OAT (-10) -110°F	10-02386			
TACHOMETERS				
Description	Part No.	Price		
0-7000 RPM for Rotax		1 1100		
447/503/582	10-05507		IL	
	10.05500		5	
0-7000 RPM for Rotax 912/914	10-05506		ť	

EXHAUST GAS TEMPERATURE (EGT)				
Description	Part No.	Price		
EGT Gauge 700-1700°F	10-00046			
EGT Gauge 100-900°C	10-05696			
EGT Gauge 1000-2000°F	10-05697			
EGT Thermocouple Clamp	10-04791			
style (Lyc.)	10-04791			
EGT Thermocouple 8mm,	40.00007			
Bayonet (Rotax)	10-00967			
FUEL AIRBOX PRESSURE				
Fuel Airbox Pressure	I I			
Range: 0-7 Diff.	10-02401			
FUEL FLOW	11			
		- ·		
Description	Part No.	Price		
Fuel Flow 0-8 6PH	10-02403			
Fuel Flow 0-20 6PH	10-02404			
Fuel Flow 0-30 6PH	10-02405			
OIL TEMPERATURE				
Description	Part No.	Price		
Oil Temp. Gauge 100-300°F	10-00047			
1-1/4 inch VDO - TSO'd				
Electronic Temperature	10-02779			
Gauges 100-300 deg F				
Oil Temp. Probe 3/8-24	10,00000			
(Automotive)	10-00969			
Oil Temp. Probe 5/8-18 (Lyc./Cont.)	10-00418			
Oil Temp. Probe 10mm (Rotax	10-00973			
912/914)	10 00010			
FUEL PRESSURE				
Description	Part No.	Price		
Fuel Pressure Gauge 15 PSI	10-00048			
Fuel Pressure Gauge 30 PSI	10-00049			
Fuel Pressure Gauge				
0-80 psi	10-00050			
VOLTMETER				
Description	Part No.	Price		
Voltmeter 18-36V	10-00052			
Voltmeter 9-17V	10-00578			
FLAP INDICATOR				
Description	Part No.	Price		
Flap Position Indicator 0-30°	10-00053			
Flap Position Indicator 0-30	10-00054			
Flap Position Indicator up-full	10-00055			
Flap Indicator Transducer	AN5785			
MANIFOLD PRESSURE				
Description 5-35"	10-02438	Price		
5-50"	10-02438			
10-00	10-02439			

For Experimental aircraft only. See next page for TSO'd Gauges. Mount individually or as a cluster.

## MOUNTING INFORMATION



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