

# UMA ENGINE GAUGES

## UMA 2-1/4" SINGLE EGT GAUGES

These highly reliable and lightweight gauges are self-contained, requiring no external power source. Specify probe size and type. Standard markings are black and white.



P/N 10-22275

### 2-1/4" EGT Gauge

700-1700°F- 90° Sweep...P/N 10-22275

700-1700°F- 270° Sweep...P/N 10-02427

### Type K EGT Probes

1-5/8" - 2-1/2" Clamp.....P/N 10-04791

1-2" Clamp .....P/N 10-00966

8mm, Bayonet-Rotax .....P/N 10-00967

Optional internal lighting for all UMA 2-1/4", 3-1/8" instruments (except altimeter)... P/N 11-07239

## UMA 2-1/4" CHT GAUGES NON-TSO GAUGES



Probe/Range	Part No.	Price
UMA Probe Range: 100-300°F	10-05709	---
UMA Probe Range: 40-150°C	10-05710	---
VDO Probe Range: 40-150°C	10-05712	---
Thermocouple Type J Range: 100-600°F	10-05713	---
Thermocouple Type J Range: 50-300°C	10-05714	---

### TSO GAUGES

Probe/Range	Part No.	Price
MA 1BX Thermistor Probe Range: 40-150°F	10-05716	---
MA 1BX Thermistor Probe Range: 100-300°F	10-05717	---
VDO Probe Range: 100-300°F	10-05718	---
Type J Thermocouple Probe Range: 50-300°C	10-05719	---
Type J Thermocouple Probe Range: 100-600°F	10-05720	---

Senders not included with the above 2-1/4" CHT Gauges.

## UMA 2-1/4" EGT GAUGES NON-TSO GAUGES



Probe/Range	Part No.	Price
700-1700 F Type K Sender Req.	10-05699	---
1000-2000 F Type K Sender Req.	10-05701	---
100-900 C Type K Sender Req.	10-05698	---

### TSO GAUGES

Probe/Range	Part No.	Price
2-1/4 TSO EGT 100-900 C Type K Sender Required	10-05706	---
2-1/4 TSO EGT 400-1700 F Type K Sender Required	10-05707	---

## UMA 2-1/4 INCH EGT GAUGE WITH OPTI ALERT



The 2 1/4", 270°, Opti-Alert warning instruments, signal the pilot when there is a problem by illuminating a Light Emitting Diode (LED). This warning indicates that an improper range condition has arisen. Operate with a 14V or 28V system. Pressure and temperature gauges use remote mounted sensors which are sold separate.

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Description	Part No.	Price
100-900 C W/ Opti Alert Type K Sender Req.	10-05702	---
700-1700 F W/ Opti Alert Type K Sender Req.	10-05704	---
1000-2000 F W/ Opti Alert - Type K Sender Req.	10-05705	---

## UMA 2-1/4" WATER TEMPERATURE GAUGE



This instrument is designed to be durable yet lightweight. Excellent for a wide variety of homebuilt aircraft applications. Made in USA. Order probe separately.

0-300°F .....P/N 10-02058

### Probes

1/8" NPT (Rotax).....P/N 10-00968

3/8-24 (automotive).....P/N 10-00969

## UMA 2-1/4" OIL TEMPERATURE GAUGE



This instrument is designed to be durable yet lightweight. Excellent for a wide variety of homebuilt aircraft applications. Made in USA. Order probe separately.

100-300°F .....P/N 10-22285

**UMA OPTIONAL INTERNAL LIGHTING** - Optional internal lighting for all UMA 2-1/4", 3-1/8" instruments (except altimeter). This is just a lighted option. Order the instrument in addition to the internal lighting.  
P/N 11-07239

## UMA 2-1/4 INCH ELECTRICAL OIL PRESSURE TACH 0-130 PSI ROTAX 912/914



UMA 2-1/4 Inch Electrical Oil Press Tach 0-130 PSI Rotax 912/914. 2 1/4" Air Core (270° Sweep)  
P/N 10-05510

## MECHANICAL UMA 2-1/4" FUEL PRESSURE GAUGE



These factory new fuel pressure gauges from UMA fit standard 2-1/4" panel hole. They are mechanical, wet-line gauges and require no sending unit.

0-25 PSI .....P/N 10-02356

0-50 PSI .....P/N 10-00316

0-10 PSI .....P/N 10-22201

0-30 PSI .....P/N 10-22203

0-100 PSI .....P/N 10-22205

## MECHANICAL UMA 2-1/4" OIL PRESSURE GAUGE



These factory new oil pressure gauges from UMA fit standard 2-1/4" panel hole. They are mechanical, wet-line gauges and require no sending unit.

0-50 PSI .....P/N 10-22240

0-130 PSI .....P/N 10-22242

10-100 PSI .....P/N 10-02357

## UMA 1" PRESSURE GAUGES



This mechanical, direct hook-up pressure indicator is ideal for monitoring the engine pump cooling system. Suitable to a wide variety of homebuilt aircraft applications. Made in USA. 0-10 PSI (water)  
P/N 10-22247

## UMA 1" OIL PRESSURE GAUGE



Case is molded ABS plastic. Wt:1.4oz. Black and white dial markings. 25-125 PSI.  
P/N 10-22251

## UMA 1" FUEL PRESSURE GAUGE



Case is molded ABS plastic. Wt:1.4oz. Black and white dial markings. 0-10 PSI....P/N 10-22252

## MECHANICAL UMA 2 1/4" WATER PRESSURE GAUGE



This mechanical, direct hook-up pressure indicator is ideal for monitoring the engine pump cooling system. Suitable to a wide variety of homebuilt aircraft applications. Made in USA. -15 to +15 PSI  
P/N 10-22249

## 2-1/4 INCH UMA WATER TEMPERATURE 100-300F



2-1/4 inch UMA Electronic (UMA P/N 12-360-300F°) Water Temperature Gauge, Range: 100-300 deg. F°  
P/N 10-02058

## UMA 2 1/4"

### FLAP POSITION INDICATOR



This 2-1/4" flap indicator uses a resistance potentiometer as a flap position sensor. Transmitter required. Wt: 9.8 oz.

Indicator (0-40°) .....P/N 10-22250

Indicator (0-60°) .....P/N 10-02442

Transmitter .....P/N AN5785

### UMA OPTIONAL INTERNAL LIGHTING

Optional internal lighting for all UMA 2-1/4", 3-1/8" instruments (except altimeter). This is just a lighted option. Order the instrument in addition to the internal lighting. ....P/N 11-07239

## MINI OIL PRESSURE GAUGE



Miniature mechanical instrument, only 1-1/4" dia., as used in many production aircraft. New manufacture. 0-125 PSI Oil Press. ....P/N 10-12400 ..... ---

## MINI FUEL PRESSURE GAUGES



1-1/4" Dia. New manufacture by UMA.

0-10 PSI Fuel Press.....P/N 10-12100

0-35 PSI Fuel Press.....P/N 10-12200

0-50 PSI Fuel Press.....P/N 10-12300

## UMA 3 IN 1 ELECTRONIC INSTRUMENT



Combine any three electronic instruments into a 3-1/8" case. Standard product is with black and white dials, but custom range markings are available to meet customer demand for specific design.

**\*Note - Senders are required and sold separately.**

P/N 10-03452

UMA Range Markings .....P/N 10-02792

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