

# 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)                  |          |       | EXHAUST GAS TEMPERATURE (EGT)                                      |          |       |
|--------------------------------------------|----------|-------|--------------------------------------------------------------------|----------|-------|
| Description                                | Part No. | Price | Description                                                        | Part No. | Price |
| CHT Gauge 100-300°F                        | 10-00035 | .     | EGT Gauge 700-1700°F                                               | 10-00046 | .     |
| CHT Gauge 100-600°F                        | 10-00036 | .     | EGT Gauge 100-900°C                                                | 10-05696 | .     |
| CHT Thermocouple 14mm Plug (Rotax)         | 10-00962 | .     | EGT Gauge 1000-2000°F                                              | 10-05697 | .     |
| CHT Thermocouple 18mm Plug (Lyc.)          | 10-00963 | .     | EGT Thermocouple Clamp style (Lyc.)                                | 10-04791 | .     |
| CHT Thermocouple 3/8-24 Bayonet (Lyc.)     | 10-00795 | .     | EGT Thermocouple 8mm, Bayonet (Rotax)                              | 10-00967 | .     |
| OIL PRESSURE                               |          |       | FUEL AIRBOX PRESSURE                                               |          |       |
| Description                                | Part No. | Price | Fuel Airbox Pressure Range: 0-7 Diff.                              | 10-02401 | .     |
| Oil Pressure Gauge 0-80 PSI                | 10-00037 | .     | FUEL FLOW                                                          |          |       |
| Oil Pressure Gauge 0-130 PSI               | 10-00038 | .     | Description                                                        | Part No. | Price |
| Oil Pressure Gauge 0-130 PSI Rotax 912/914 | 10-05509 | .     | Fuel Flow 0-8 GPH                                                  | 10-02403 | .     |
| FUEL QUANTITY                              |          |       | Fuel Flow 0-20 GPH                                                 | 10-02404 | .     |
| Description                                | Part No. | Price | Fuel Flow 0-30 GPH                                                 | 10-02405 | .     |
| Fuel Qty. Ind. (Float 240-30)              | 10-00039 | .     | OIL TEMPERATURE                                                    |          |       |
| Fuel Qty. Ind. (Cap. 5v)                   | 10-00040 | .     | Description                                                        | Part No. | Price |
| Sender (Capacitance 0-5V)                  | 10-00797 | .     | Oil Temp. Gauge 100-300°F                                          | 10-00047 | .     |
| AMMETER                                    |          |       | 1-1/4 inch VDO - TSO'd Electronic Temperature Gauges 100-300 deg F | 10-02779 | .     |
| Description                                | Part No. | Price | Oil Temp. Probe 3/8-24 (Automotive)                                | 10-00969 | .     |
| Ammeter ±30 Shunt incl.                    | 10-00041 | .     | Oil Temp. Probe 5/8-18 (Lyc./Cont.)                                | 10-00418 | .     |
| Ammeter ±100 Shunt incl.                   | 10-00043 | .     | Oil Temp. Probe 10mm (Rotax 912/914)                               | 10-00973 | .     |
| Ammeter +60                                | 10-00581 | .     | FUEL PRESSURE                                                      |          |       |
| Ammeter +80                                | 10-00582 | .     | Description                                                        | Part No. | Price |
| WATER PRESSURE                             |          |       | Fuel Pressure Gauge 15 PSI                                         | 10-00048 | .     |
| Description                                | Part No. | Price | Fuel Pressure Gauge 30 PSI                                         | 10-00049 | .     |
| Water Press. Gauge 0-15 PSI                | 10-00044 | .     | Fuel Pressure Gauge 0-80 psi                                       | 10-00050 | .     |
| Water Press. Gauge 0-30 PSI                | 10-00045 | .     | VOLTMETER                                                          |          |       |
| WATER TEMPERATURE                          |          |       | Description                                                        | Part No. | Price |
| Description                                | Part No. | Price | Voltmeter 18-36V                                                   | 10-00052 | .     |
| Water Temp. Gauge 100-300°F                | 10-02457 | .     | Voltmeter 9-17V                                                    | 10-00578 | .     |
| CARB. TEMPERATURE                          |          |       | FLAP INDICATOR                                                     |          |       |
| Description                                | Part No. | Price | Description                                                        | Part No. | Price |
| Carb. Temp -60-120°F                       | 10-05769 | .     | Flap Position Indicator 0-30°                                      | 10-00053 | .     |
| OUTSIDE AIR TEMPERATURE                    |          |       | Flap Position Indicator 0-40°                                      | 10-00054 | .     |
| Description                                | Part No. | Price | Flap Position Indicator up-full                                    | 10-00055 | .     |
| OAT (-25) -40°C                            | 10-02385 | .     | Flap Indicator Transducer                                          | AN5785   | .     |
| OAT (-10) -110°F                           | 10-02386 | .     | MANIFOLD PRESSURE                                                  |          |       |
| TACHOMETERS                                |          |       | Description                                                        | Part No. | Price |
| Description                                | Part No. | Price | 5-35"                                                              | 10-02438 | .     |
| 0-7000 RPM for Rotax 447/503/582           | 10-05507 | .     | 5-50"                                                              | 10-02439 | .     |
| 0-7000 RPM for Rotax 912/914               | 10-05506 | .     |                                                                    |          |       |

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

## MOUNTING INFORMATION

