

# ENGINE INSTRUMENTS

## QUALITY ROCHESTER GAUGE INSTRUMENTS

A fine line of electric instruments designed exclusively for aircraft use. Temperature compensated and guaranteed to 2% accuracy. Similar to units used in current Cessna, Piper and Beech aircraft. Standard 2-1/4" size with brilliant matte-white dials. Range markings add color and permit readings at a glance. Lighting fixture available. Recommended by Rutan Aircraft Factory for use in Long-EZ, Cozy, and similar home built using Lycoming engines. All instruments featured are for 12 volt systems. Lighting kit 105S3 fits all these gauges.



### 0-250°F. OIL TEMPERATURE

Green Arc..... 100°-160°F.  
Yellow Arc..... 160°-220°F.  
Red Line..... 245°F.  
P/N 3070-62.....  
Sender..... P/N 3080-37.....



### 0-100 PSI OIL PRESSURE

Green Arc..... 60-90 PSI  
Red Line 100 PSI  
P/N 3050-54.....  
Sender... P/N 3060-18.....



### 0-20 PSI, FUEL PRESSURE

No Range Markings  
P/N 3050-56.....



### FUEL LEVEL

Yellow Arc/E-25%  
P/N 3090-106.....  
Sender..... P/N 10-02045.....  
Replacement Gasket (for 10-02045)  
P/N 15-716.....  
Replacement Fuel Float  
P/N 05-03395.....



### 0-600°F CYLINDER HEAD TEMP FOR LYCOMINGS

Green Arc..... 275°-425°F.  
Yellow Arc..... 425°-500°F.  
Red Line..... 500°F.  
P/N 3070-61.....  
Bayonet Type Thermocouple  
P/N 3080-38.....



### AMMETER, -30A - 0 - +30A

P/N 3010-50.....

No Range Markings  
No Sender Required

LIGHTING KIT - P/N 105S3.....



### AMMETER -60A - 0 - +60A

P/N 3010-52.....

No Range Markings  
No Sender Required

## MITCHELL AIRCRAFT INSTRUMENTS 2-1/4" ELECTRIC GAUGES

Mitchell Aircraft Instruments is a high quality, economical line of gauges which is ideal for the homebuilt aircraft market. These electric instruments are lighted, allow easy installation, and feature a 2 year factory warranty. Order gauges and senders separately as shown. 12V operation unless other wise noted. Gauges fit 2-1/4" panel hole. For 24 volt operation, order P/N PE-111-4074 Resistors (\$3.50 each) for each instrument.

### OIL TEMPERATURE

100-250° F Gauge..... P/N 10-25000.....  
100-250° F Sender (Rotax)..... P/N 10-25005.....  
100-250° F Sender (LYC)..... P/N 10-25175.....  
120-300° F Gauge..... P/N 10-25010.....  
120-300° F Sender (Rotax)..... P/N 10-25015.....  
120-300° F Sender (LYC)..... P/N 10-25180.....  
90-400°F Sender..... P/N 10-03139.....

Rotax Senders are 1/8-18 NPT, Lycoming Senders are 5/8-18 VNF.

### OIL PRESSURE

0-80 PSI Gauge..... P/N 10-25030.....  
0-80 PSI Sender..... P/N 10-25035.....  
0-100 PSI Gauge..... P/N 10-25040.....  
0-100 PSI Sender..... P/N 10-25045.....  
0-150 PSI Gauge..... P/N 10-25050.....  
0-150 PSI Sender..... P/N 10-25055.....

### FUEL PRESSURE

0-30 PSI Gauge..... P/N 10-25060.....  
0-30 PSI Sender..... P/N 10-25065.....  
0-15 PSI Gauge..... P/N 10-25058.....  
0-15 PSI Sender..... P/N 10-25065.....

### EXHAUST GAS TEMPERATURE

0-1600°F EGT Gauge..... P/N 10-02746.....  
EGT Clamp probe for above EGT Gauge only.  
P/N 10-02177.....  
KIT - Includes Sender, Weld-on adapter and 6 Ft. Lead with/  
connector. 0-1600 EGT kit P/N 10-25090.....

### CYLINDER HEAD TEMPERATURE

100-600° F Gauge..... P/N 10-25070.....  
120-300F Gauge..... P/N 10-02717.....  
18MM Sender (Cont, Lyc)..... P/N 10-25075.....  
14MM Sender (VW, Rotax)..... P/N 10-25080.....  
10 Ft. CHT Lead w/connector..... P/N 10-25185.....

## MITCHELL 2-1/4" MECHANICAL GAUGES

### OIL TEMPERATURE

110-270°F..... P/N 10-02714.....

### OIL PRESSURE

0-100 PSI..... P/N 10-02706.....  
0-150 PSI..... P/N 10-02712.....

### FUEL PRESSURE

0-15 PSI..... P/N 10-02702.....  
0-30PSI..... P/N 10-02704.....



### AMMETER

60-0-60 Ammeter

P/N 10-25115.....  
P/N 10-01212 (30-0-30).....



### FUEL LEVEL

P/N 10-25130(10-180 OHM).....  
P/N 10-02719(0-90 OHM).....  
P/N 10-02721(0-30 OHM).....  
P/N 10-02722(240-33 OHM).....  
Sender..... P/N 10-25135.....



### VOLTMETER

P/N 10-25105 (8-16V).....  
P/N 10-02747 (12-31V).....  
No Sender required.



### TURBO

Mechanical Turbocharger Gauge.  
Gauge is mechanical. No sender  
required. P/N 10-25140.....



### OUTSIDE AIR TEMPERATURE

2-1/4" -10°F to +120°F

P/N 10-02715.....



### CYLINDER HEAD TEMP GAUGE

For Rotax 120-300°

P/N 10-02717.....  
Sender: Probe Supplied w/ Rotax Engine.



### OUTSIDE AIR TEMPERATURE

2-1/4" Electric -10°F to +120°F

P/N 10-03137.....  
Sender..... P/N 10-02170.....



### LIGHTED QUARTZ ELECTRIC CLOCK

Features black dial  
with matte white  
numbers and hands.  
Length: 3-1/4".

Mounts in standard 2-1/4" instrument  
hole. Power: 14v or 28v.  
FAA approved. For 28V adapter  
must be used.

P/N 10-01214.....  
28V Adapter Kit  
P/N 10-02827.....

### WIRING KIT GAUGE CONNECTOR

Fits all 2-1/4" Mitchell Gauges

P/N 10-02724.....

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