**MGL AVIONICS**

**MGL STRATOMASTER EFIS**

The Stratomaster is a comprehensive flight, engine, and navigation instrument designed for Experimental and Light Sport aircraft. The large amount of flexibility built into the basic system allows the configuration of the Stratomaster to almost any mission and aircraft. Due to low system cost, Stratomaster is equally suited to very light gliders and rotorcraft, while providing enough flexibility to be utilized by even twin-engine aircraft with non-direct RDAC modules and engine sensors. Please select the model for engine functions, and select Attitude/Heading sensors (SP-4 and SP-2) for HIRS functions.

<table>
<thead>
<tr>
<th>STRATOMASTER EFIS SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
</tr>
<tr>
<td>Odyssey</td>
</tr>
<tr>
<td>Voyager</td>
</tr>
</tbody>
</table>

**STRATOMASTER EFIS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHT 10</td>
<td>Type K Thermocouple 1/8in plug</td>
<td>11-05561</td>
<td>$35.00</td>
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<tr>
<td>CHT 12</td>
<td>Type K Thermocouple 3/8in plug</td>
<td>11-05562</td>
<td>$35.00</td>
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<tr>
<td>CHT 14</td>
<td>Type K Thermocouple 3/4in plug</td>
<td>11-05564</td>
<td>$35.00</td>
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<tr>
<td>CHT Base</td>
<td>Type K Thermocouple with 1 1/4&quot; x 25&quot; pipe</td>
<td>11-05566</td>
<td>$35.00</td>
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<tr>
<td>EGT</td>
<td>Type K EGT Thermocouple 1/8in Plug</td>
<td>11-05567</td>
<td>$45.00</td>
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<tr>
<td>EGT Clamp 1</td>
<td>Type K EGT Thermocouple with 1/8in Plug</td>
<td>11-05569</td>
<td>$45.00</td>
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<tr>
<td>EGT Clamp 1N</td>
<td>Type K EGT Thermocouple</td>
<td>11-07622</td>
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<tr>
<td>Water Temp Sensor</td>
<td>Type K Water Temperature Probe</td>
<td>11-05568</td>
<td>$115.00</td>
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<tr>
<td>Oil Temp</td>
<td>Fuel Temperature Sensor (Gravity Fed)</td>
<td>11-05569</td>
<td>$115.00</td>
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<tr>
<td>Oil Pressure</td>
<td>MGL RDAC XF 12 Thermocouple Channels</td>
<td>11-10676</td>
<td>$345.00</td>
</tr>
</tbody>
</table>

**MGL ENIGMA MKIII**

The “Enigma MKIII” is based on the iEFIS Discovery and shares its housekeeping advantages of a touch screen even in turbulent flight. Unlike conventional touch screen technology, MGL’s “tap screen” can be used with gloves, is completely unaffected by sunlight and even uses a polarized anti reflective and anti glare film. The tap screen uses only high quality optical glass in its construction and thus has no negative effects on the image quality, even in difficult light conditions. The tap screen is further qualified for zero pressure conditions such as experienced in space and is not affected by sudden, large pressure changes.

**CALL OR VISIT OUR WEBSITE FOR DETAILS.**

**MGL MAGNETIC CURRENT MEASUREMENT SENSOR**

This sensor can be used to measure DC current in aircraft power systems in a wide range from less than 4A to as high as 120A depending on installation and configuration. The sensor connects to an EFIS system via spare RDAC inputs. Inputs CHT1,CHT2,oil pressure or oil temperature sensors can also be used on a second RDAC unit (consider a low cost RDAC VD as second RDAC if required). G1 and G2 EFIS systems can support up to 4 of these sensors while Enigma can support 2.

**MGL AVIONICS SERVO**

MGL Avionics Servo with a generic hardware and pushrod kit.

**MGL SPORT MOUNT PANEL FLUSH**

The second generation Sport Adapter allows for easy one-button-removal and provides an even more secure lock than the first generation. Available now on all Sport cases ordered.

**MGL IFIES EXPLORER**

The Explorer EFIS introduces a custom developed touch pressure sensitive LCD screen aimed exclusively at the small aircraft application. With the ability to accurately measure contact force in any condition, it becomes possible to utilize the user interface advantages of a touch screen even in turbulent flight.

**MGL RDAC OPTIONS**

- **RDAC VD**: RDAC VD, 4-Channel Thermocouples $160.00
- **RDAC VT**: RDAC VT, 4-Channel Therm for Turbine Engines $165.00
- **RDAC XF**: MGL RDAC XF 12 Thermocouple Channels $315.00
- **RDAC CAN**: MGL RDAC XF 12 Thermocouple Channels with CAN $345.00
- **RDAC-B**: MGL RDAC for Rotax 912IS Engine $215.95
- **RDAC-P**: MGL RDAC XF MAP 12 Thermocouple Channels $235.00
- **IOX-1**: In/Out Extender $209.95
- **RTC-1**: Routing System $255.00

**AHRS ATTITUDE / HEADING SENSORS**

- **SP-5**: SP-5 Advanced Attitude Sensor (Horizon) $1,750.00
- **SP-6**: SP-6 Magnetometer Sensor (Compass) $260.00
- **SP-7**: SP-7 Standard Attitude Sensor (Horizon) $800.00

**STRATOMASTER 2/1-4 INFINITY SINGLES**

- **ALT-1**: Encoding Altimeter $310.00
- **ALT-2**: Encoding RS232 Altimeter $320.00
- **AS-1**: Airspeed Indicator $280.00
- **ASX-1**: Encoding Altimeter / Airspeed Indicator $350.00
- **AV-1**: Battery Voltage / Current Monitor Inc 50$315.00
- **BF-1**: G-Force Indicator $240.00
- **MAP-1**: Universal Pressure Indicator $270.00
- **RTC-2**: Avionics Real Time Clock $225.00
- **RV-1**: Universal RPM Indicator $225.00
- **RTC-3**: Universal RPM Indicator $225.00
- **RTC-4**: Universal RPM Indicator $225.00
- **TC-1**: C-Channel Thermocouple Temp $215.00
- **TP-1**: Universal Temp/Press Display $215.00

**STRATOMASTER 3-1/8 VELOCITY SINGLES**

- **ALT-3**: Attitude $325.00
- **ALT-4**: Encoding Altimeter (Gillman Code) $330.00
- **AS-1**: Airspeed Indicator $300.00
- **ASX-2**: Attitude/Airspeed Indicator $350.00
- **AV-2**: AHRS Display $315.00
- **BF-2**: G-Force Indicator $225.00
- **MAP-2**: Manifold Pressure / RPM $285.00
- **RTC-1**: Rotor / Engine Tach $255.00
- **RTC-2**: Avionics Real Time Clock $225.00
- **RV-1**: Universal RPM Indicator $225.00
- **RTC-3**: Universal RPM Indicator $225.00
- **TC-2**: C-Channel Thermocouple Temp $225.00
- **TC-3**: C-Channel Thermocouple Temp $225.00

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