

ALCOR EGT & CHT SYSTEMS

BASIC EGT & CHT SYSTEMS

Alcor EGT and CHT gauges are fully TSO'd aircraft quality gauges which will provide precise monitoring of engine temperatures. Some of the most popular systems are shown here, and all systems are available. Request quotation on unlisted models.

2-1/4" GAUGES



3-1/8" GAUGES



BASIC SYSTEMS – Basic system kits include the 2-1/4" instrument, one lead and one probe to monitor the EGT or CHT for a single cylinder.

ANALYZER SYSTEMS – Analyzer systems include instrument, all leads, switches and probes to monitor the EGT or CHT for every cylinder.

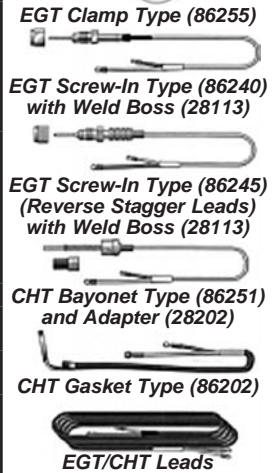
| BASIC SYSTEMS | | | ANALYZER SYSTEMS | | |
|---------------|----------|-----------|------------------|----------|-----------|
| System | Part No. | Our Price | System | Part No. | Our Price |
| EGT | 10-08700 | . | EGT (4Cyl.) | 10-09000 | . |
| CHT | 10-08800 | . | CHT (4 Cyl.) | 10-09100 | . |
| EGT/CHT 21/4" | 10-08900 | . | EGT/CHT (4 Cyl.) | 10-09200 | . |
| EGT/CHT 31/8" | 10-20700 | . | EGT (6 Cyl.) | 10-09300 | . |

BASIC EGT & CHT SYSTEMS

Alcor's probe (thermocouples) reliability is legendary in the aviation community, designed to give years of dependable and accurate service.

GROUNDING THERMOCOUPLES

| ALCOR P/N | DESCRIPTION |
|-----------|--|
| 86255 | EGT Clamp Type Probe min/ max dia.-1.5" to 3.25" (Yellow/Red, Chrome/Alumel) |
| 86240 | EGT Screw-In Probe, fitting dims: 7/16" x 20 threads (Yellow/Red) less boss |
| 86245 | EGT Screw-In Probe, fitting dims- 7/16" x 20 threads (Yellow/Red, reverse stagger leads) less boss |
| 28113 | Weld Boss |
| 86251 | CHT Bayonet Probe (Black/Yellow) |
| 28202 | Iron/Constantan AN5541-1 CHT Bayonet Probe Adapter |
| 86202 | AN4076-1 CHT Gasket Type Thermocouple (Spark Plug) (Black/Yellow, Iron/ Constantan) 18mm AN5540-1 |



IMPORTANT! EGT systems & components with red/brown color codes are not compatible with systems & components using red/yellow codes.

Alcor Systems are FAA Approved and the grounded probes have a 5Yr factory warranty, the ungrounded probes have a 1yr factory warranty, and the instruments have a 3yr factory warranty.

ALCOR COMPONENT PRICE LIST

| Alcor P/N | Our P/N | Description | Price |
|--------------------------------------|----------|---------------------------------------|-------|
| System Tester | | | |
| 85331 | 10-00995 | Alcal 2000 (FAA/PMA Not Req'd.) | . |
| EGT Leads, Type K | | | |
| 42525 | 42525 | EGT Leads, Type K (90") | . |
| 42526 | 42526 | EGT Leads, Type K (144") | . |
| 42527 | 10-00131 | EGT Leads, Type K (240") | . |
| 42528 | 42528 | EGT Leads, Type K (216") | . |
| CHT Leads, Type J | | | |
| 42535 | 42535 | CHT Leads, Type J (90" 8 ohm) | . |
| 42536 | 42536 | CHT Leads, Type J (144" 8 ohm) | . |
| 42537 | 42537 | CHT Leads, Type J (240" 8 ohm) | . |
| 42543 | 42543 | CHT Leads, Type J (216" 8 ohm) | . |
| Meters, Single 2-1/4" | | | |
| 46149 | 10-03859 | EGT Internal light 24V Type K | . |
| 46150 | 46150 | EGT Type K | . |
| 46151 | 46151 | CHT Type J, Fahrenheit | . |
| 46162 | 10-00992 | EGT Type K, Fahrenheit (Green Arc) | . |
| 46164 | 10-00993 | EGT Type K, Fahrenheit (No Green Arc) | . |
| 46171 | 10-00996 | CHT Type J, Celsius | . |
| 46244 | 10-00997 | EGT 240" Lead Type K, Fahrenheit | . |
| Meters, Dual 2-1/4" | | | |
| 46124 | 10-00994 | TIT/TIT Type K, Fahrenheit | . |
| 46125 | 10-00126 | EGT/EGT Type K | . |
| 46126 | 46126 | EGT/CHT Type K & J, Fahrenheit | . |
| 46127 | 10-00127 | CHT/CHT Type J, Fahrenheit | . |
| Meters, Dual 3-1/8" | | | |
| 45993 | 10-00998 | EGT Type E | . |
| 46115 | 10-03861 | EGT/EGT Internal Light 24V Type K | . |
| 46155 | 10-00128 | EGT/EGT Type K | . |
| 46156 | 46156 | CHT/EGT Type J & K, Fahrenheit | . |
| 46157 | 10-03860 | CHT/CHT Type J Fahrenheit | . |
| 46224 | 10-00999 | TIT/TIT Type K, Fahrenheit | . |
| Meters, Dual 3-1/8" w/ switch | | | |
| TCP | | | |
| 73061 | 05-21500 | Syringe Assembly | . |
| 73099 | 05-01429 | TCP 5-Gallon Can | . |
| 73100 | 05-01430 | TCP 55-Gallon Drum | . |
| 73107 | 05-21300 | TCP Quart w/Perm. Draw Tube | . |

| Alcor P/N | Our P/N | Description | Price |
|------------------------------|----------|--|-------|
| EGT Probes, Type K | | | |
| 86143 | 10-01005 | Model N, Screw-In (1/4 NPT) | . |
| 86159 | 10-01006 | Model H, Screw-In (1/4 NPT) | . |
| 86160 | 10-01007 | Model J1, Screw-In (7/16-20) | . |
| 86161 | 10-01008 | Model K, Screw-In (1/4 NPT) | . |
| 86226 | 10-01009 | Model A, Clamp, 11.75" (Rev. Stagger) | . |
| 86230 | 10-01011 | Model N2, Screw-In (1/4 NPT) | . |
| 86240 | 10-00129 | Model B, Screw-In (7/16-20) | . |
| 86245 | 86245 | Model B, Screw-In (7/16-20) (Rev. Stagger) | . |
| 86255 | 86255 | Model A, Clamp (Normal Stagger) | . |
| 86275 | 10-01012 | Model A, Clamp, 13.6" (Rev. Stagger) | . |
| 86281 | 10-01013 | Model A, Clamp C/A | . |
| EGT PROBES, Type E | | | |
| 86149 | 10-01014 | Model B, Screw-In (7/16-20) | . |
| 86153 | 10-01015 | Model H, Screw-In (1/4 NPT) | . |
| 86156 | 86156 | Clamp | . |
| CHT Probes | | | |
| 86146 | AN5546-1 | Bayonet (AN5546-1) Thermistor | . |
| 86202 | 86202 | Gasket Style | . |
| 86251 | 86251 | Bayonet Style, Type J | . |
| Ungrounded EGT Probes | | | |
| 86307 | 10-86307 | Screw-In (1/4 NPT) | . |
| 86308 | 10-86308 | Screw-In (7/16-20) | . |
| 86309 | 10-86309 | Screw-In (7/16-20) | . |
| 86310 | 10-86310 | Clamp | . |
| 86343 | 10-86339 | Clamp (with Plug, Short) | . |
| Accessories | | | |
| 28113 | 10-01017 | Weld Boss (for B Probe) | . |
| 28202 | 28202 | CHT Adapter for Bayonet Probe (AN4076-1) | . |
| 28204 | 10-01018 | Plug for 86160 Probe | . |
| 42523 | 10-01019 | EGT Lead Adapter | . |
| 80825 | 80825 | Single Universal Selector Switch | . |
| 80827 | 80827 | Dual Universal Selector Switch | . |
| Vernier | | | |
| 93882 | 10-01020 | Vernier Control Assembly 112" | . |
| Alcal, CHT Parts | | | |
| 28202 | 28202 | Bayonet Thermocouple Adapter (1004-4) | . |

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