

# GYROS

## SIGMA-TEK 5000E/L SERIES AUTOPILOT ATTITUDE GYROS



The 5000E air-driven attitude gyro is another variation of our standard 5000B model. It includes inductive pickoffs that generate the signals necessary to drive an autopilot. The intuitive display has a moving horizon mask that indicates the position of the aircraft's wings in relation to the natural horizon. This attitude information is passed along to the autopilot system.

This is one of our most popular primary instruments.

It is FAA approved, and can replace the turn coordinator when equipped with an inclinometer.

Many Sigma-Tek autopilot gyros are FAA PMA approved for use in ARC and Century CII, CIIB, CIII and CIV autopilot installations.

**NOTE: Lighted instruments do not include lamp trays, please see accessories to purchase separately.**

Sigma-Tek	Model	Display Colors	Auto-pilot Model	Auto-pilot Output	Light-ed	Panel Tilt	PMA	Part Number	Price
23-501-04-2	5000E-8	Blue/Black	CFS 52D66	Roll	No	0	Yes	10-04892	\$2,488.00
23-501-05-2	5000E-9	Blue/Black	CFS 52D67	Pitch & Roll	No	0	Yes	10-04894	\$3,137.00
1U149-006-1	5000E-10	Blue/Black	CFS 52D66M	Roll	Yes	0	Yes	5000E-10	\$2,685.00
1U149-007-1	5000E-11	Blue/Black	CFS 52D67M	Pitch & Roll	Yes	0	Yes	5000E-11	\$3,124.00
23-501-04-24	5000E-20	Blue/Brown	CFS 52D66	Roll	No	0	Yes	10-04893	\$2,496.00
23-501-05-25	5000E-21	Blue/Brown	CDS 52D67	Pitch & Roll	No	0	Yes	10-04895	\$3,129.00
1U149-006-8	5000E-22	Blue/Brown	CFS 52D66M	Roll	Yes	0	Yes	10-04890	\$2,769.00
1U149-007-9	5000E-23	Blue/Brown	CFS 52D67M	Pitch & Roll	Yes	0	Yes	10-04891	\$3,239.00

### Accessories

BA14-24-BW3G (14 Volt Lamp Tray).....P/N 10-02757 .....\$91.75  
BA28-24-BW3G (28 Volt Lamp Tray).....P/N 10-02758 .....\$93.85



## SIGMA-TEK 5000M SERIES CAGEABLE ATTITUDE GYROS

The 5000M is an air-driven gyro that has a pictorial horizon mask and fixed airplane. The mask moves to indicate climb, dive, and bank. Bank and pitch attitudes are displayed so that the pilot's sensing of the gyro indication is the same as the interpretation of the

relation between the wings of the aircraft and the natural horizon during visual flight. The instrument is provided with a caging system which is functional through 360° of roll and 90° of pitch. When caging is engaged, pitch and roll indices are aligned within two degrees. This instrument is FAA certified, and can be used to replace the aircraft's turn coordinator when equipped with an inclinometer. The caging feature is very useful for quick erection and display alignment; a high priority for occasional aerobatic maneuvers and operations with short stops.

**NOTE: Lighted instruments do not include lamp trays, please see accessories to purchase separately.**

Sigma-Tek	Model	Display Colors	Warning Flag	Caging	Inclino-meter	Light-ed	Panel Tilt	Part Number	Price
1U149-021-1	5000M	Blue/Brown	No	Yes	No	Yes	0	10-02326	\$2,326.00
23-501-035-5	5000M-1	Blue/Brown	No	Yes	No	No	0	10-02327	\$2,353.00
23-501-036-6	5000M-2	Blue/Brown	No	Yes	No	No	8	10-02328	\$2,256.00
23-501-037-7	5000M-3	Blue/Brown	No	Yes	Yes	No	0	10-02329	\$3,091.00
23-501-038-8	5000M-4	Blue/Brown	No	Yes	Yes	No	8	10-02330	\$2,945.00
1U149-022-2	5000M-5	Blue/Brown	No	Yes	No	Yes	8	10-02331	\$2,959.00
1U149-023-3	5000M-6	Blue/Brown	No	Yes	Yes	Yes	0	10-02332	\$2,816.00
1U149-024-4	5000M-7	Blue/Brown	No	Yes	Yes	Yes	8	10-02333	\$3,029.00
1U149-025-5	5000M-8	Blue/Brown	Yes	Yes	Yes	Yes	0	10-04882	\$3,168.00
1U149-026-6	5000M-9	Blue/Brown	Yes	Yes	Yes	Yes	8	10-04883	\$3,168.00
23-501-039-9	5000M-10	Blue/Brown	Yes	Yes	Yes	No	0	10-04884	\$2,752.00
23-501-040-10	5000M-11	Blue/Brown	Yes	Yes	Yes	No	8	10-04885	\$2,752.00
23-501-043-3	5000M-12	Blue/Brown	Yes	Yes	No	No	0	10-04886	\$2,626.00
23-501-044-4	5000M-13	Blue/Brown	Yes	Yes	No	No	8	10-04887	\$2,626.00
1U149-027-7	5000M-14	Blue/Brown	Yes	Yes	No	Yes	0	10-04888	\$2,830.00
1U149-028-8	5000M-15	Blue/Brown	Yes	Yes	No	Yes	8	10-04889	\$2,887.00

### Accessories

BA14-24-BW3G (14 Volt Lamp Tray).....P/N 10-02757 .....\$91.75  
BA28-24-BW3G (28 Volt Lamp Tray).....P/N 10-02758 .....\$93.85



## SIGMA-TEK 5000EG ELECTRIC ATTITUDE GYROS

The 5000EG gyro is based on an air-driven 5000B model, whose proven reliability has made it the industry standard for many years. There are two models available: 14 and 28 VDC. The rotor is precisely machined from a heavy-metal tungsten alloy, which has a higher mass than brass, contributing to the instrument's demonstrated stability.

The electric motor is driven by a built-in power inverter, and has an integrated air-erection mechanism. A warning flag is deployed upon loss of primary power. During acrobatic flights or short stops, the gyro's mechanism can be caged whenever the knob is pulled.

This instrument is FAA certified, and can be used to replace the aircraft's turn coordinator when equipped with an inclinometer.

The electric gyro can replace most air driven gyros with the major difference being its electric power source and the layout and colors of the display.

**NOTE: Lighted instruments do not include lamp trays or connector, please see accessories to purchase separately.**

Model	Inclino-meter	Lighted	Panel Tilt	Volts	Part Number	Price
1U670-001-1	Yes	Yes	0	28	10-02748	\$2,666.00
1U670-002-2	Yes	Yes	0	14	10-02749	\$2,662.00
1U670-003-3	No	Yes	0	28	10-02750	\$2,595.00
1U670-004-4	No	Yes	0	14	10-02751	\$2,595.00
1U670-005-5	Yes	No	0	28	10-02752	\$2,595.00
1U670-006-6	Yes	No	0	14	10-02754	\$2,595.00
1U670-007-7	No	No	0	28	10-02753	\$2,575.00
1U670-008-8	No	No	0	14	10-02755	\$2,575.00
1U670-002-9	Yes	Yes	8	14	10-04903	\$3,216.00
1U670-001-10	Yes	Yes	8	28	10-04896	\$3,216.00
1U670-001-15	Yes	Yes	7-1/2	28	10-04897	\$3,216.00
1U670-001-19	Yes	Yes	11	28	10-04898	\$3,216.00
1U670-003-11	No	Yes	4	28	10-04899	\$3,093.00
1U670-003-12	No	Yes	8	28	10-04901	\$3,093.00
1U670-007-10	No	Yes	10	28	10-04902	\$3,046.00

### Accessories

BA14-24-BW3G (14 Volt Lamp Tray).....P/N 10-02757 .....\$91.75  
BA28-24-BW3G (28 Volt Lamp Tray).....P/N 10-02758 .....\$93.85  
Connector For Electric Attitude Gyro .....P/N 10-05121 .....\$97.75



5000B-36



4000B-30

## SIGMA-TEK FACTORY OVERHAULED GYROS

These units are factory-overhauled gyros that are like new and carry the same warranty as a new units. Provided installation is within 6 months of factory ship date, full replacement warranty is 12 months from date of installation.

Exchange core must be a like core\* and the core must be returned no later than 20 days from the invoice date to receive core credit.

\*Like cores include: any 4000B series Sigma Tek core as exchange for a 4000B-30 any 5000B series Sigma Tek core as exchange for a 5000B-36

\*All lighted units must order light tray separately.

Description	Sigma-Tek Model No.	Our PN	Core	Price
Attitude Gyro	5000B-36	10-03360	\$275.00	\$769.00
Directional Gyro	4000B-30	10-03359	\$275.00	\$769.00